1908.

sBv 97.41.1 (20)

129

CALENDAR, 1908

JAN. | 1908	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	..

FEB.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	..	..	..	..	..	..	..

MARCH.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	..

APRIL.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	..	..

MAY.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	..	..	..	..	..	..

JUNE.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	..	..	..	..

JULY. | 1908	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	..

AUG.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	..	..	..	..	..

SEPT.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	..	..	..

OCT.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31

NOV.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	..	..	..	..	..	..	..
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	..	..	..	..	..

DEC.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..

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THE EXCELSIOR DIARY

1908

Church Calendar 1908

JANUARY.

1 Circumcision.
6 Epiphany.
12 i Sun. aft. Epiphany.
19 ii " " "
25 Conversion of St. Paul.
26 iii Sun. aft. Epiphany.

FEBRUARY.

2 iv Sun. aft. Epiphany.
9 v " " "
16 Septuagesima.
23 Sexagesima.
24 St. Matthias' Day.

MARCH.

1 Quinquagesima.
4 Ash Wednesday.
8 i Sunday in Lent.
15 ii " " "
22 iii " " "
25 Annunciation of Virgin Mary.
29 iv Sunday in Lent.

APRIL.

5 v Sunday in Lent.
12 Sun. before Easter.
17 Good Friday.
19 Easter.
25 St. Mark's Day.
26 i Sun. aft. Easter.

MAY.

1 St. Philip & St. James.
3 ii Sun. aft. Easter.
10 iii " " "
17 iv " " "
24 v " " "
28 Ascension Day.
31 Sun. aft. Ascension.

JUNE.

7 Whitsunday.
11 St. Barnabas.
14 Trinity Sunday.
21 i Sun. aft. Trinity.
24 Nativity of St. John Baptist.
28 ii Sun. aft. Trinity.
29 St. Peters Day.

JULY.

5 iii Sun. aft. Trinity.
12 iv " " "
19 v " " "
25 St. James' Day.
26 vi Sun. aft. Trinity.

AUGUST.

2 vii Sun. aft. Trinity
6 Transfiguration.
9 viii Sun. aft. Trinity.
16 ix " " "
23 x " " "
24 St. Bartholomew.
30 xi Sun. aft. Trinity

SEPTEMBER.

6 xii Sun. aft. Trinity.
13 xiii " " "
20 xiv " " "
21 St. Matthew
27 xv Sun. aft. Trinity.
29 St. Michael & All Angels.

OCTOBER.

4 xvi Sun. aft. Trinity.
11 xvii " " "
18 xviii " " "
St. Luke's Day.
25 xix Sun. aft. Trinity.
28 St. Simon & St. Jude.

NOVEMBER.

1 xx Sun. aft. Trinity.
All Saints Day.
8 xxi Sun. aft. Trinity.
15 xxii " " "
22 Sun. before Advent.
29 Advent.
30 St. Andrews.

DECEMBER.

6 i Sunday Advent.
13 ii " "
20 iii " "
21 St. Thomas.
25 Christmas.
26 St. Stephens.
27 i Sun. aft. Christmas.
St. John Evangelist.
28 Innocents.

ECLIPSES, 1908

There will be three Eclipses of the Sun in 1908 as follows

I. Total of the Sun, Jan 3, visible in the southern and south-western states as a small partial eclipse on the Sun's southern limb near sunset. The Sun will set more or less eclipsed within the area included between a line from Savannah, Ga., to Omaha, Neb., and thence through the Staked Plains of Western Texas. Through Western Louisiana, Arkansas and Missouri and Eastern Texas, Indian Territory and Kansas. The middle of the Eclipse will occur at sunset. The path of the total phase lies westward in the Pacific from San Jose, Costa Rica.

II. Annular of the Sun, June 28. The path of the Annular phase will touch the United States only in South Florida.

	Begins	Ends	Size	Dif. for Stan. T.
Boston.	10 10 am	1 15 pm	8	−16m.
New York.	9 55 "	0 58 "	9	− 4m.
Washington.	9 27 "	0 41 "	10	+ 8m.
Charleston.	9 3 "	0 24 "	11	+20m.
St. Louis	8 29 "	11 8 am	9	+ 1m.
New Orleans.	8 5 "	11 10 "	10	0m.
San Francisco	6 20 "	7 52 "	4	+10m.

III. Central of the Sun, Dec. 23, invisible in North America.

CHRONOLOGICAL CYCLES.

Dominical Letters.	ED	Julian Period	6621
Epact	27	Dionysian Period.	237
Lunar Cycle (Golden No)	9	Jewish Lunar Cycle.	6
Solar Cycle	13	Roman Indiction.	6

Mohammedan year, 1326, begins Feb. 4.
Jewish year, 5669, begins at sunset, Sept. 25.

MORNING STARS.

MERCURY, Mar. 18-25 and Nov. 8-15 at time of Greatest Brilliancy VENUS, after July 5. MARS, after Aug. 22. JUPITER, from Aug. 17 to Dec. 5. SATURN, from Mar. 20 to July 1.

EVENING STARS.

MERCURY, Feb. 8-12 and Oct. 10-15 at time of Greatest Brilliancy. VENUS, until July 5. MARS, until Aug. 22. JUPITER, until Aug. 17 and after Dec. 5. SATURN, until Mar. 20 and after July 1.

PLANETS BRIGHTEST.

MERCURY—(see morning and evening stars). VENUS, May 29, as an evening star, and August 11 as a morning star. MARS, not this year. JUPITER, Jan. 29. SATURN, Sept. 30. URANUS, July 7, and NEPTUNE, Jan. 5.

JANUARY, 1908

MOON'S PHASES.	East. Time	Cent. Time	W'st. Time
New Moon..... .... 3 D.	4 H. 43 M.	3 H. 43 M.	2 H. 43 M.
First Quarter. ..... 10 D.	4 H. 53 M.	3 H. 53 M.	2 H. 53 M.
Full Moon ..... 18 D.	8 H. 37 M.	7 H. 37 M.	6 H. 37 M.
Last Quarter..... 26 D.	10 H. 1 M.	9 H. 1 M.	8 H. 1 M.

New-York City, Phil., Penn., O., Ind. and Ill., Conn., New Jersey.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa and Oregon.			
MEAN TIME.			Stan. Time.			MEAN TIME.			Stan. Time.
Sun rises	Sun sets	Moon rises	H. W. N. Y. GOV. I.			Sun rises	Sun sets	Moon rises	H. W. Bos'n N. Yd
7 25	4 43	4 40	5 43	1	We.	7 30	4 38	4 44	9 22
7 25	4 44	5 53	6 47	2	Th.	7 30	4 39	5 57	10 16
7 25	4 45	7 4	7 41	3	Fri.	7 30	4 40	7 9	11 8
7 25	4 46	sets	8 36	4	Sat.	7 30	4 41	sets	morn
7 25	4 47	7 3	9 31	5	S.	7 30	4 42	6 59	0
7 25	4 48	8 17	10 29	6	Mo.	7 29	4 43	8 13	52
7 25	4 49	9 31	11 29	7	Tu.	7 29	4 44	9 29	1 45
7 24	4 50	10 41	morn	8	We.	7 29	4 45	10 40	2 40
7 24	4 51	11 49	30	9	Th.	7 29	4 46	11 49	3 34
7 24	4 52	morn	1 30	10	Fr.	7 29	4 47	morn	4 30
7 24	4 53	55	2 30	11	Sat.	7 29	4 48	56	5 28
7 23	4 54	1 57	3 29	12	S.	7 28	4 50	1 59	6 30
7 23	4 55	2 59	4 20	13	Mo.	7 28	4 51	3 3	7 25
7 23	4 56	4 0	5 11	14	Tu.	7 28	4 52	4 4	8 20
7 22	4 57	4 59	5 56	15	We.	7 27	4 53	5 3	9 11
7 22	4 59	5 54	6 38	16	Th.	7 27	4 54	5 59	10 0
7 21	5 0	6 45	7 16	17	Fri.	7 26	4 55	6 50	10 42
7 21	5 1	rises	7 50	18	Sat.	7 26	4 56	rises	11 20
7 21	5 2	6 6	8 23	19	S.	7 25	4 58	6 2	Ev. 0
7 20	5 3	7 3	8 55	20	Mo.	7 24	4 59	7 0	40
7 19	5 4	8 2	9 25	21	Tu.	7 24	5 0	7 59	1 16
7 18	5 5	9 1	9 59	22	We.	7 23	5 1	8 59	1 55
7 17	5 7	9 59	10 38	23	Th.	7 22	5 3	9 59	2 38
7 17	5 8	11 0	11 20	24	Fri.	7 22	5 4	11 1	3 20
7 16	5 9	morn	Ev. 8	25	Sat.	7 21	5 5	morn	4 8
7 16	5 10	4	1 2	26	S.	7 20	5 6	5	5 0
7 15	5 11	1 9	2 5	27	Mo.	7 19	5 8	1 12	6 0
7 14	5 13	2 18	3 17	28	Tu.	7 18	5 9	2 21	7 0
7 13	5 14	3 29	4 31	29	We.	7 17	5 10	3 33	8 0
7 12	5 15	4 38	5 38	30	Th.	7 16	5 12	4 43	9 0
7 12	5 16	5 47	6 38	31	Fri.	7 15	5 13	5 52	10 0

Heavy figures, 12 noon to 12 midnight.

FEBRUARY, 1908

MOON'S PHASES.	East. Time	Cent. Time	W'st Time
New Moon. . . ..2 D.	3 H. 36 M.	2 H. 36 M.	1 H. 36 M.
First Quarter ..... 8 D.	11 H. 27 M.	10 H. 27 M.	9 H. 27 M.
Full Moon. .....17 D.	4 H. 5 M.	3 H. 5 M.	2 H. 5 M.
Last Quarter .....24 D.	10 H. 24 M.	9 H. 24 M.	8 H. 24 M.

New-York City, Phil., Penn. O., Ind. and Ill., Conn., New Jersey,				D. OF MONTH	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa and Oregon.			
MEAN TIME.			Stan. Time.			MEAN TIME.			Stan. Time.
Sun rises	Sun sets	Moon rises	H. W N. Y. GOV. I.			Sun rises	Sun sets	Moon rises	H. W Bos'n N. Yd
7 11	5 18	6 46	7 35	1	Sat.	7 14	5 14	6 51	10 50
7 10	5 19	sets	8 28	2	S.	7 13	5 15	sets	11 45
7 9	5 20	7 5	9 21	3	Mo.	7 12	5 16	7 2	morn
7 7	5 21	8 19	10 9	4	Tu.	7 11	5 18	8 18	34
7 6	5 22	9 32	11 0	5	We.	7 10	5 19	9 32	1 24
7 5	5 23	10 40	11 53	6	Th.	7 9	5 21	10 41	2 15
7 4	5 25	11 47	morn	7	Fri.	7 8	5 22	11 49	3 6
7 3	5 26	morn	50	8	Sat.	7 6	5 23	morn	4 0
7 2	5 27	51	1 50	9	S.	7 5	5 24	54	4 55
7 1	5 28	1 53	2 50	10	Mo.	7 4	5 25	1 56	5 55
7 0	5 30	2 53	3 50	11	Tu.	7 2	5 26	2 57	6 50
6 58	5 31	3 49	4 43	12	We.	7 1	5 28	3 55	7 47
6 57	5 32	4 42	5 31	13	Th.	7 0	5 29	4 47	8 42
6 56	5 34	5 26	6 15	14	Fri.	6 59	5 30	5 31	9 32
6 55	5 35	6 11	6 53	15	Sat.	6 57	5 32	6 16	10 14
6 53	5 36	rises	7 26	16	S.	6 56	5 33	rises	10 55
6 52	5 37	5 55	7 58	17	Mo.	6 54	5 35	5 52	11 35
6 51	5 39	6 54	8 30	18	Tu.	6 53	5 36	6 52	Ev. 10
6 49	5 40	7 54	9 0	19	We.	6 52	5 38	7 53	50
6 48	5 41	8 55	9 31	20	Th.	6 50	5 39	8 55	1 30
6 46	5 43	9 57	10 7	21	Fri.	6 48	5 40	9 58	2 10
6 45	5 44	11 0	10 48	22	Sat.	6 47	5 42	11 2	2 54
6 44	5 45	morn	11 33	23	S.	6 45	5 43	morn	3 40
6 42	5 46	5	Ev 27	24	Mo.	4 44	5 45	8	4 32
6 41	5 48	1 12	1 30	25	Tu.	6 42	5 46	1 16	5 32
6 39	5 49	2 22	2 53	26	We.	6 41	5 47	2 27	6 35
6 38	5 50	3 29	4 18	27	Th.	6 39	5 49	3 34	7 35
6 37	5 51	4 27	5 30	28	Fri.	6 38	5 50	4 33	8 40
6 36	5 53	5 23	6 29	29	Sat.	6 36	5 51	5 27	9 40

Heavy figures, 12 noon to 12 midnight

MARCH, 1908

MOON'S PHASES.	East. Time	Cent. Time	W'st. Time
New Moon ..... 2 D.	1 H. 57 M.	0 H. 57 M.	11 H. 57 M.
First Quarter ..... 9 D.	4 H. 42 M.	3 H. 42 M.	2 H. 42 M.
Full Moon ..... 17 D.	9 H. 28 M.	8 H. 28 M.	7 H. 28 M.
Last Quarter ..... 25 D.	7 H. 31 M.	6 H. 31 M.	5 H. 31 M.
New Moon ..... 31 D.	Apr 1.	11 H. 2 M.	10 H. 2 M.

New-York City, Phil., Penn., O., Ind. and Ill., Conn., New Jersey.				D. OF MONTH	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa and Oregon.			
MEAN TIME			Stan. Time.			MEAN TIME			Stan. Time.
Sun rises	Sun sets	Moon rises	H.W N.Y. GOV.I.			Sun rises	Sun sets	Moon rises	H.W. Bos'n N.Yd
6 35	5 53	6 9	7 22	1	S.	6 36	5 51	6 13	10 34
6 34	5 53	sets	8 10	2	Mo.	6 35	5 52	sets	11 25
6 32	5 54	7 7	8 59	3	Tu.	6 33	5 53	7 6	morn
6 30	5 55	8 18	9 45	4	We.	6 31	5 54	8 19	14
6 29	5 56	9 28	10 31	5	Th.	6 30	5 55	9 29	1 0
6 27	5 57	10 35	11 20	6	Fri.	6 28	5 56	10 37	1 50
6 25	5 58	11 41	morn	7	Sat.	6 26	5 57	11 44	2 40
6 24	5 59	morn	11	8	S.	6 25	5 58	morn	3 30
6 22	6 0	43	1 6	9	Mo.	6 23	5 59	48	4 22
6 20	6 1	1 42	2 6	10	Tu.	6 21	6 0	1 47	5 15
6 19	6 2	2 37	3 12	11	We.	6 20	6 2	2 42	6 15
6 17	6 3	3 26	4 11	12	Th.	6 18	6 3	3 31	7 10
6 16	6 4	4 11	5 1	13	Fri.	6 16	6 4	4 16	8 7
6 14	6 5	4 50	5 47	14	Sat.	6 14	6 5	4 55	8 56
6 12	6 6	5 27	6 27	15	S.	6 13	6 6	5 31	9 44
6 11	6 8	5 54	7 0	16	Mo.	6 11	6 7	5 57	10 24
6 9	6 9	rises	7 32	17	Tu.	6 9	6 9	rises	11 5
6 7	6 10	6 48	8 4	18	We.	6 7	6 10	6 47	11 43
6 6	6 11	7 49	8 32	19	Th.	6 6	6 11	7 50	Ev 20
6 4	6 12	8 53	9 6	20	Fri.	6 4	6 12	8 55	1 0
6 2	6 13	9 59	9 43	21	Sat.	6 2	6 13	10 2	1 45
6 1	6 14	11 5	10 24	22	S.	6 0	6 14	11 9	2 28
5 59	6 15	morn	11 11	23	Mo.	5 59	6 15	morn	3 17
5 58	6 16	12	Ev 8	24	Tu	5 57	6 16	17	4 10
5 56	6 17	1 18	1 14	25	We.	5 55	6 17	1 23	5 10
5 54	6 18	2 19	2 45	26	Th.	5 53	6 18	2 24	6 15
5 52	6 19	3 16	4 14	27	Fri.	5 52	6 19	3 22	7 20
5 51	6 20	4 2	5 20	28	Sat.	5 50	6 20	4 6	8 20
5 49	6 21	4 44	6 16	29	S.	5 48	6 21	4 47	9 20
5 47	6 22	5 18	7 5	30	Mo.	5 46	6 22	5 20	10 15
5 45	6 23	5 50	7 50	31	Tu.	5 44	6 23	5 51	11 5

Heavy figures, 12 noon to 12 midnight

APRIL, 1908

MOON'S PHASES.	East. Time	Cent. Time	W'st. Time
New Moon ..... 1 D.	0 H. 2 M.	March 31.	March 31
First Quarter ..... 8 D.	11 H. 31 M.	10 H. 31 M.	9 H. 31 M.
Full Moon ..... 16 D.	11 H. 55 M.	10 H. 55 M.	9 H. 55 M.
Last Quarter ..... 23 D	2 H. 6 M.	1 H. 6 M.	0 H. 6 M.
New Moon ..... 30 D.	10 H. 33 M.	9 H. 33 M.	8 H. 33 M.

New-York City, Phil., Penn., O., Ind. and Ill., Conn., New Jersey.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME			Stan. Time.			MEAN TIME			Stan. Time.
Sun rises	Sun sets	Moon rises	H.W N.Y. GOV.I.			Sun rises	Sun sets	Moon rises	H.W. Bos'n N.Yd
5 44	6 24	sets	8 35	1	We.	5 43	6 25	sets	11 50
5 42	6 26	8 14	9 19	2	Th.	5 41	6 27	8 16	morn.
5 41	6 27	9 22	10 0	3	Fri.	5 40	6 28	9 25	40
5 39	6 28	10 27	10 45	4	Sat.	5 38	6 29	10 31	1 25
5 37	6 29	11 30	11 33	5	S.	5 36	6 30	11 35	2 12
5 36	6 30	morn	morn	6	Mo.	5 35	6 31	morn	3 0
5 34	6 31	28	22	7	Tu.	5 33	6 32	33	3 50
5 33	6 32	1 20	1 16	8	We.	5 31	6 33	1 26	4 40
5 31	6 33	2 7	2 20	9	Th.	5 30	6 34	2 12	5 35
5 30	6 34	2 49	3 22	10	Fri.	5 28	6 36	2 53	6 32
5 28	6 35	3 25	4 19	11	Sat.	5 26	6 37	3 29	7 26
5 26	6 36	3 55	5 7	12	S.	5 25	6 38	3 59	8 16
5 25	6 37	4 23	5 48	13	Mo.	5 23	6 39	4 24	9 5
5 24	6 38	4 51	6 25	14	Tu.	5 21	6 40	4 52	9 50
5 22	6 39	5 17	7 0	15	We.	5 20	6 41	5 17	10 30
5 20	6 40	rises	7 38	16	Th.	5 18	6 42	rises	11 14
5 19	6 41	7 49	8 10	17	Fri.	5 16	6 43	7 52	11 55
5 17	6 42	8 57	8 45	18	Sat.	5 15	6 45	9 1	Ev 36
5 16	6 43	10 6	9 25	19	S.	5 13	6 46	10 10	1 20
5 14	6 44	11 12	10 10	20	Mo.	5 12	6 47	11 17	2 8
5 13	6 45	morn	11 0	21	Tu.	5 10	6 48	morn	3 0
5 11	6 46	15	Ev. 0	22	We.	5 9	6 49	21	3 55
5 10	6 47	1 14	1 5	23	Th.	5 7	6 50	1 19	4 55
5 8	6 48	2 1	2 46	24	Fri.	5 6	6 51	2 6	6 0
5 7	6 49	2 43	4 2	25	Sat.	5 4	6 52	2 47	7 5
5 6	6 50	3 18	5 3	26	S.	5 3	6 53	3 21	8 5
5 4	6 51	3 50	5 56	27	Mo.	5 1	6 55	3 51	9 0
5 3	6 52	4 19	6 43	28	Tu.	5 0	6 56	4 20	9 55
5 2	6 53	4 48	7 30	29	We.	4 58	6 57	4 47	10 40
5 0	6 55	sets	8 10	30	Th.	4 57	6 58	sets	11 28

Heavy figures, 12 noon to 12 midnight

MAY, 1908

MOON'S PHASES.	East. Time	Cent. Time	W'st. Time
First Quarter.....8 D.	6 H. 23 M.	5 H. 23 M.	4 H. 23 M.
Full Moon.....15 D.	11 H. 32 M.	10 H. 32 M.	9 H. 32 M.
Last Quarter..... 22 D.	7 H. 17 M.	6 H. 17 M.	5 H. 17 M.
New Moon.....29 D.	10 H. 14 M.	9 H. 14 M.	8 H. 14 M.

New-York City, Phil., Penn., O., Ind. and Ill., Conn., New Jersey				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa and Oregon.			
MEAN TIME			Stan. Time.			MEAN TIME			Stan. Time.
Sun rises	Sun sets	Moon sets	H.W N.Y. GOV.I.			Sun rises	Sun sets	Moon sets	H.W Bos'n N.Yd
4 59	6 56	8 10	8 52	1	Fri.	4 56	7 0	8 13	morn.
4 58	6 57	9 15	9 34	2	Sat.	4 54	7 1	9 19	12
4 56	6 58	10 16	10 15	3	S.	4 53	7 2	10 21	1 0
4 55	6 59	11 11	10 57	4	Mo.	4 52	7 3	11 17	1 45
4 54	7 0	morn	11 38	5	Tu.	4 51	7 4	morn	2 30
4 53	7 1	2	morn	6	We.	4 49	7 5	8	3 18
4 52	7 2	41	25	7	Th.	4 48	7 6	47	4 5
4 51	7 3	1 23	1 17	8	Fri.	4 47	7 7	1 27	5 0
4 49	7 4	1 57	2 15	9	Sat.	4 46	7 8	2 0	5 50
4 48	7 5	2 26	3 14	10	S.	4 44	7 9	2 28	6 42
4 47	7 6	2 52	4 9	11	Mo.	4 43	7 10	2 54	7 35
4 46	7 7	3 17	4 56	12	Tu.	4 42	7 11	3 18	8 25
4 45	7 8	3 44	5 41	13	We.	4 41	7 12	3 43	9 14
4 44	7 9	4 11	6 23	14	Th.	4 40	7 13	4 9	9 58
4 43	7 10	rises	7 8	15	Fri.	4 39	7 14	rises	10 40
4 42	7 11	7 52	7 47	16	Sat.	4 38	7 15	7 56	11 30
4 41	7 12	9 2	8 30	17	S.	4 37	7 16	9 7	Ev 12
4 40	7 13	10 8	9 16	18	Mo.	4 36	7 17	10 14	1 2
4 39	7 14	11 9	10 6	19	Tu.	4 35	7 18	11 15	1 50
4 39	7 15	morn	11 1	20	We.	4 34	7 19	morn	2 45
4 38	7 16	2	Ev. 8	21	Th.	4 33	7 20	7	3 40
4 37	7 17	44	1 21	22	Fri.	4 32	7 21	48	4 40
4 36	7 18	1 22	2 37	23	Sat.	4 31	7 22	1 25	5 40
4 36	7 19	1 53	3 44	24	S.	4 31	7 23	1 55	6 45
4 35	7 20	2 23	4 40	25	Mo.	4 30	7 24	2 23	7 45
4 34	7 20	2 51	5 33	26	Tu.	4 29	7 25	2 51	8 40
4 34	7 21	3 19	6 20	27	We.	4 29	7 26	3 18	9 32
4 33	7 22	3 49	7 5	28	Th.	4 28	7 27	3 46	10 20
4 32	7 23	4 22	7 46	29	Fri.	4 27	7 28	4 18	11 6
4 32	7 23	sets	8 28	30	Sat.	4 27	7 28	sets	11 50
4 31	7 24	9 1	9 8	31	S.	4 26	7 29	9 6	morn

Heavy figures, 12 noon to 12 midnight

JUNE, 1908

MOON'S PHASES.	East. Time	Cent. Time	W'st. Time
First Quarter.....6 D.	11 H. 56 M.	10 H. 56 M.	9 H. 56 M.
Full Moon. ..... 14 D.	8 H. 55 M.	7 H. 55 M.	6 H. 55 M.
Last Quarter.....21 D.	0 H. 26 M.	11 H. 26 (20)	10 H. 26 (20)
New Moon..... 28 D.	11 H. 31 M.	10 H. 31 M.	9 H. 31 M.

New-York City, Phil., Penn., O., Ind. and Ill., Conn., New Jersey.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa and Oregon.			
MEAN TIME			Stan. Time.			MEAN TIME			Stan. Time.
Sun rises	Sun sets	Moon sets	H.W. N.Y. GOV.I.			Sun rises	Sun sets	Moon sets	H.W. Bos'n N.Yd
4 31	7 24	9 54	9 47	1	Mo.	4 25	7 30	9 59	35
4 30	7 25	10 42	10.25	2	Tu.	4 25	7 30	10 45	1 18
4 30	7 26	11 23	11 2	3	We.	4 25	7 31	11 27	2 0
4 30	7 26	11 57	11.38	4	Th	4 24	7 32	morn	2 45
4 29	7 27	morn	morn	5	Fri.	4 24	7 32	1	3 30
4 29	7 28	27	22	6	Sat.	4 24	7 33	30	4 18
4 29	7 28	55	1 11	7	S.	4 23	7 33	57	5 5
4 29	7 29	1 20	2 4	8	Mo.	4 23	7 34	1 22	6 0
4 28	7 30	1 44	3 0	9	Tu.	4 23	7 35	1 44	6 50
4 28	7 30	2 9	3 58	10	We.	4 23	7 36	2 8	7 42
4 28	7 31	2 37	4 52	11	Th.	4 22	7 36	2 35	8 35
4 28	7 31	3 9	5 46	12	Fri.	4 22	7 37	3 5	9 24
4 28	7 32	3 44	6 38	13	Sat.	4 22	7 37	3 40	10 15
4 28	7 32	rises	7 30	14	S.	4 22	7 38	rises	11 3
4 28	7 32	8 59	8 20	15	Mo.	4 22	7 38	9 4	11 52
4 28	7 33	9 56	9 12	16	Tu.	4 22	7 38	10 1	Ev 44
4 28	7 33	10 44	10 7	17	We.	4 22	7 39	10 49	1 35
4 28	7 33	11 23	11 5	18	Th.	4 22	7 39	11 27	2 30
4 28	7 34	11 56	Ev 10	19	Fri	4 22	7 39	11 58	3 25
4 29	7 34	morn	1 11	20	Sat.	4 23	7 40	morn	4 24
4 29	7 34	27	2 15	21	S.	4 23	7 40	28	5 22
4 29	7 34	55	3 15	22	Mo.	4 23	7 40	55	6 20
4 29	7 34	1 23	4 13	23	Tu.	4 23	7 40	1 22	7 20
4 29	7 34	1 53	5 7	24	We.	4 23	7 40	1 51	8 15
4 30	7 35	2 22	5 55	25	Th.	4 24	7 41	2 19	9 8
4 30	7 35	2 59	6 43	26	Fri	4 24	7 41	2 54	10 0
4 30	7 35	3 37	7 25	27	Sat.	4 24	7 41	3 32	10 45
4 31	7 35	sets	8 7	28	S.	4 25	7 40	sets	11 30
4 31	7 35	8 36	8 45	29	Mo.	4 25	7 40	8 41	morn
4 32	7 35	9 21	9 20	30	Tu.	4 26	7 40	9 26	10

Heavy figures, 12 noon to 12 midnight

JULY, 1908

MOON'S PHASES.	East. Time	Cent. Time	W'st. Time
First Quarter ..... 6 D.	3 H. 25 M.	2 H. 25 M.	1 H. 25 M.
Full Moon ..... 13 D.	4 H. 48 M.	3 H. 48 M.	2 H. 48 M.
Last Quarter ..... 20 D.	7 H. 1 M.	6 H. 1 M.	5 H. 1 M.
New Moon ..... 28 D	2 H. 16 M.	1 H. 16 M.	0 H. 16 M.

New-York City, Phil., Penn., O., Ind. and Ill., Conn., New Jersey.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich, Wis., Iowa and Oregon.			
MEAN TIME			Stan. Time.			MEAN TIME			Stan. Time.
Sun rises	Sun sets	Moon sets	H.W. N.Y. GOV.I.			Sun rises	Sun sets	Moon sets	H.W. Bos'n N.Yd
4 32	7 35	9 56	9 58	1	We.	4 26	7 40	10 0	53
4 32	7 35	10 29	10 30	2	Th.	4 26	7 40	10 32	1 34
4 33	7 34	10 57	11 0	3	Fri.	4 27	7 40	10 59	2 12
4 33	7 34	11 22	11 40	4	Sat.	4 28	7 40	11 24	2 55
4 34	7 34	11 47	morn	5	S.	4 29	7 39	11 47	3 40
4 35	7 34	morn	24	6	Mo.	4 29	7 39	morn	4 28
4 35	7 33	12	1 10	7	Tu.	4 30	7 39	12	5 16
4 36	7 33	37	2 5	8	We	4 30	7 38	36	6 10
4 37	7 33	1 5	3 5	9	Th.	4 31	7 38	1 2	7 5
4 37	7 32	1 38	4 10	10	Fri.	4 32	7 38	1 34	8 0
4 38	7 32	2 18	5 15	11	Sat.	4 33	7 37	2 13	8 54
4 39	7 31	3 6	6 17	12	S.	4 33	7 37	3 1	9 48
4 39	7 31	rises	7 16	13	Mo	4 34	7 36	rises	10 40
4 40	7 30	8 35	8 12	14	Tu.	4 35	7 36	8 40	11 34
4 41	7 30	9 20	9 6	15	We.	4 36	7 35	9 24	Ev 25
4 42	7 29	9 57	10 2	16	Th.	4 37	7 34	9 59	1 15
4 43	7 29	10 29	10 57	17	Fri.	4 37	7 34	10 30	2 10
4 44	7 28	10 58	11 52	18	Sat.	4 38	7 33	10 59	3 5
4 44	7 27	11 26	Ev 50	19	S.	4 39	7 32	11 25	4 0
4 45	7 26	11 56	1 47	20	Mo.	4 40	7 31	11 54	4 55
4 46	7 26	morn	2 46	21	Tu.	4 41	7 30	morn	5 55
4 47	7 25	25	3 45	22	We.	4 42	7 30	22	6 54
4 48	7 24	59	4 41	23	Th.	4 43	7 29	55	7 50
4 48	7 23	1 37	5 32	24	Fri.	4 44	7 28	1 32	8 45
4 49	7 23	2 14	6 20	25	Sat.	4 45	7 27	2 9	9 37
4 50	7 22	3 8	7 6	26	S.	4 46	7 26	3 3	10 25
4 51	7 21	4 0	7 45	27	Mo.	4 47	7 25	3 55	11 6
4 52	7 20	sets	8 21	28	Tu.	4 48	7 24	sets	11 48
4 53	7 19	8 30	8 55	29	We.	4 49	7 23	8 34	morn
4 54	7 18	8 59	9 26	30	Th	4 50	7 22	9 2	25
4 55	7 17	9 26	9 56	31	Fri.	4 51	7 21	9 28	1 5

Heavy figures, 12 noon to 12 midnight

AUGUST, 1908

MOON'S PHASES.	East. Time	Cent. Time	W'st. Time
First Quarter ..... 5 D.	4 H. 40 M.	3 H. 40 M.	2 H. 40 M.
Full Moon ..... 11 D.	11 H. 58 M.	10 H. 58 M.	9 H. 58 M.
Last Quarter ..... 18 D.	4 H. 25 M.	3 H. 25 M.	2 H. 25 M.
New Moon ..... 26 D.	5 H. 59 M.	4 H. 59 M.	3 H. 59 M.

New-York City, Phil., Penn., O., Ind. and Ill., Conn., New Jersey.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa and Oregon.			
MEAN TIME			Stan. Time.			MEAN TIME			Stan. Time.
Sun r'ses	Sun sets	Moon sets	H.W. N.Y. GOV.I.			Sun rises	Sun sets	Moon sets	H.W. Bos'n N. Yd
4 56	7 16	9 50	10 29	1	Sat.	4 52	7 20	9 51	1 44
4 57	7 14	10 15	11 5	2	S.	4 53	7 18	10 15	2 23
4 58	7 13	10 39	11 47	3	Mo.	4 54	7 17	10 38	3 5
4 59	7 12	11 2	morn	4	Tu.	4 55	7 16	11 0	3 50
5 0	7 11	11 36	32	5	We.	4 56	7 15	11 33	4 40
5 1	7 10	morn	1 25	6	Th.	4 57	7 14	morn	5 32
5 2	7 9	10	2 28	7	Fri.	4 58	7 12	5	6 30
5 3	7 7	53	3 43	8	Sat.	4 59	7 11	47	7 30
5 4	7 6	1 44	4 54	9	S.	5 0	7 10	1 39	8 27
5 5	7 5	2 50	6 3	10	Mo.	5 1	7 8	2 44	9 26
5 6	7 4	rises	7 3	11	Tu.	5 2	7 7	rises	10 22
5 7	7 2	7 52	8 0	12	We.	5 3	7 6	7 55	11 15
5 8	7 1	8 27	8 54	13	Th.	5 4	7 4	8 29	Ev. 5
5 9	7 0	8 58	9 45	14	Fri.	5 5	7 3	8 59	55
5 10	6 58	9 27	10 38	15	Sat.	5 6	7 1	9 27	1 48
5 11	6 57	9 57	11 28	16	S.	5 7	7 0	9 55	2 40
5 12	6 55	10 28	Ev 21	17	Mo.	5 8	6 58	10 25	3 34
5 13	6 54	10 59	1 19	18	Tu.	5 10	6 57	10 56	4 30
5 14	6 53	11 36	2 17	19	We.	5 11	6 55	11 31	5 28
5 15	6 51	morn	3 15	20	Th.	5 12	6 54	morn	6 25
5 16	6 50	17	4 15	21	Fri.	5 13	6 52	12	7 25
5 17	6 48	1 5	5 9	22	Sat.	5 14	6 51	1 0	8 20
5 17	6 47	1 56	5 57	23	S.	5 15	6 49	1 50	9 15
5 18	6 45	2 50	6 40	24	Mo.	5 16	6 48	2 44	10 0
5 19	6 44	3 47	7 18	25	Tu.	5 17	6 46	3 43	10 42
5 20	6 42	4 46	7 52	26	We.	5 18	6 44	4 42	11 20
5 21	6 41	sets	8 25	27	Th.	5 19	6 43	sets	morn
5 22	6 39	7 55	8 55	28	Fri.	5 20	6 41	7 57	0
5 23	6 37	8 19	9 24	29	Sat.	5 21	6 39	8 19	35
5 24	6 36	8 43	9 56	30	S.	5 22	6 38	8 42	1 14
5 25	6 34	9 8	10 33	31	Mo.	5 23	6 36	9 6	1 50

Heavy figures, 12 noon to 12 midnight

SEPTEMBER, 1908

MOON'S PHASES.	East. Time	Cent. Time	W'st Time
First Quarter ..... 3 D.	3 H. 50 M.	2 H. 50 M.	1 H. 50 M.
Full Moon. ..... 10 D.	7 H. 23 M.	6 H. 23 M.	5 H. 23 M.
Last Quarter ..... 17 D.	5 H. 33 M.	4 H. 33 M.	3 H. 33 M.
New Moon ..... 25 D.	9 H. 59 M.	8 H. 59 M.	7 H. 59 M.

New-York City, Phil., Penn., O., Ind. and Ill., Conn., New Jersey.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa and Oregon.			
MEAN TIME			Stan. Time.			MEAN TIME			Stan. Time.
Sun rises	Sun sets	Moon sets	H.W. N. Y. GOV.I.			Sun rises	Sun sets	Moon sets	H.W Bos'n N.Yd
5 26	6 33	9 36	11 15	1	Tu.	5 24	6 35	9 33	2 34
5 27	6 31	10 7	morn	2	We.	5 26	6 33	10 3	3 20
5 28	6 29	10 47	4	3	Th.	5 27	6 31	10 42	4 10
5 29	6 28	11 31	1 0	4	Fri.	5 28	6 29	11 28	5 5
5 30	6 26	morn	2 7	5	Sat.	5 29	6 28	morn	6 5
5 31	6 25	30	3 27	6	S.	5 30	6 26	24	7 6
5 32	6 23	1 37	4 45	7	Mo.	5 31	6 24	1 32	8 10
5 33	6 21	2 51	5 51	8	Tu.	5 32	6 22	2 46	9 8
5 34	6 20	4 8	6 51	9	We.	5 33	6 21	4 4	10 5
5 35	6 18	rises	7 40	10	Th.	5 34	6 19	rises	10 54
5 36	6 16	7 24	8 32	11	Fri.	5 35	6 17	7 24	11 45
5 37	6 15	7 55	9 20	12	Sat.	5 36	6 15	7 53	Ev 34
5 38	6 13	8 25	10 8	13	S.	5 37	6 14	8 23	1 22
5 39	6 11	8 57	10 59	14	Mo.	5 38	6 12	8 54	2 10
5 40	6 9	9 33	11 51	15	Tu.	5 39	6 10	9 28	3 5
5 41	6 8	10 14	Ev 46	16	We.	5 40	6 8	10 9	4 0
5 42	6 6	10 59	1 46	17	Th.	5 41	6 7	10 53	4 55
5 43	6 4	11 50	2 48	18	Fri.	5 43	6 5	11 44	5 55
5 44	6 3.	morn	3 45	19	Sat.	5 44	6 3	morn	6 54
5 45	6 1	43	4 40	20	S.	5 45	6 1	38	7 50
5 46	5 59	1 40	5 28	21	Mo.	5 46	6 0	1 35	8 42
5 47	5 58	2 38	6 10	22	Tu.	5 47	5 58	2 34	9 30
5 48	5 56	3 36	6 47	23	We.	5 48	5 56	3 33	10 14
5 49	5 55	4 36	7 18	24	Th.	5 49	5 54	4 34	10 50
5 50	5 53	sets	7 50	2	Fri.	5 50	5 53	sets	11 28
5 51	5 52	6 48	8 20	26	Sat.	5 51	5 51	6 47	morn
5 52	5 50	7 13	8 50	27	S.	5 52	5 49	7 11	5
5 53	5 48	7 38	9 25	28	Mo.	5 53	5 47	7 35	44
5 54	5 46	8 10	10 5	29	Tu.	5 54	5 46	8 6	1 25
5 54	5 44	8 46	10 50	30	We.	5 56	5 44	8 41	2 5

Heavy figures, 12 noon to 12 midnight

OCTOBER, 1908

MOON'S PHASES.	East. Time	Cent. Time	W'st Time
First Quarter..... 3D.	1 H. 13 M.	0 H. 13 M.	11 H. 13 (2)
Full Moon. ..... 9 D.	4 H. 3 M.	3 H. 3 M.	2 H. 3 M.
Last Quarter ..... 16D.	10 H. 35 M.	9 H. 35 M.	8 H. 35 M.
New Moon ..... 25 D.	1 H. 46 M.	0 H. 46 M.	11 H. 46 (24)

New-York City, Phil., Penn., O., Ind. and Ill., Conn., New Jersey.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa and Oregon.			
MEAN TIME			Stan. Time.			MEAN TIME			Stan. Time.
Sun rises	Sun sets	Moon sets	H.W. N. Y. GOV.I.			Sun rises	Sun sets	Moon sets	H.W. Bos'n N.Yd
5 56	5 43	9 27	11 43	1	Th.	5 57	5 42	9 22	2 52
5 57	5 41	10 19	morn	2	Fri.	5 58	5 40	10 14	3 45
5 58	5 39	11 20	46	3	Sat.	5 59	5 39	11 15	4 40
5 59	5 38	morn	2 2	4	S.	6 0	5 37	morn	5 45
6 0	5 36	30	3 27	5	Mo.	6 1	5 35	25	6 50
6 1	5 35	1 44	4 37	6	Tu.	6 2	5 33	1 40	7 50
6 2	5 33	2 59	5 38	7	We.	6 3	5 32	2 56	8 50
6 3	5 31	4 15	6 30	8	Th.	6 4	5 30	4 14	9 45
6 4	5 30	rises	7 19	9	Fri.	6 6	5 28	rises	10 35
6 5	5 28	6 21	8 8	10	Sat.	6 7	5 27	6 20	11 24
6 7	5 27	6 53	8 53	11	S.	6 8	5 25	6 50	Ev 10
6 8	5 25	7 27	9 40	12	Mo.	6 9	5 23	7 23	1 0
6 9	5 23	8 6	10 29	13	Tu.	6 10	5 22	8 1	1 45
6 10	5 22	8 51	11 19	14	We.	6 11	5 20	8 46	2 35
6 11	5 20	9 41	Ev 12	15	Th.	6 13	5 19	9 36	3 28
6 12	5 19	10 34	1 10	16	Fri.	6 14	5 17	10 29	4 22
6 13	5 17	11 30	2 11	17	Sat.	6 15	5 15	11 25	5 20
6 14	5 16	morn	3 10	18	S.	6 16	5 14	morn	6 20
6 15	5 14	28	4 4	19	Mo.	6 17	5 12	24	7 15
6 16	5 13	1 26	4 51	20	Tu.	6 18	5 11	1 22	8 8
6 18	5 12	2 27	5 30	21	We.	6 20	5 9	2 25	8 54
6 19	5 10	3 26	6 6	22	Th.	6 21	5 8	3 25	9 38
6 20	5 9	4 25	6 39	23	Fri.	6 22	5 6	4 24	10 16
6 21	5 7	5 25	7 12	24	Sat.	6 23	5 5	5 26	10 58
6 22	5 6	sets	7 45	25	S.	6 24	5 3	sets	11 35
6 23	5 4	6 11	8 20	26	Mo.	6 26	5 2	6 8	morn
6 24	5 3	6 45	9 0	27	Tu.	6 27	5 1	6 40	15
6 26	5 2	7 26	9 45	28	We.	6 28	4 59	7 22	1 0
6 27	5 1	8 14	10 35	29	Th.	6 29	4 57	8 9	1 40
6 28	4 59	9 12	11 33	30	Fri.	6 31	4 57	9 7	2 30
6 29	4 58	10 19	morn	31	Sat.	6 32	4 55	10 14	3 25

Heavy figures, 12 noon to 12 midnight

NOVEMBER, 1908

MOON'S PHASES.	East. Time	Cent. Time	W'st Time
First Quarter..... 1 D.	9 H. 16 M.	8 H. 16 M.	7 H. 16 M.
Full Moon..... 8 D.	2 H. 58 M	1 H. 58 M.	0 H. 58 M.
Last Quarter..... 15 D.	6 H. 41 M.	5 H. 41 M.	4 H. 41 M.
New Moon..... 23 D.	4 H. 53 M.	3 H. 53 M.	2 H. 53 M.
First Quarter..... 30 D.	4 H. 44 M.	3 H. 44 M.	2 H. 44 M.

New-York City, Phil., Penn., O., Ind. and Ill., Conn., New Jersey.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa and Oregon.			
MEAN TIME			Stan. Time.			MEAN TIME			Stan. Time.
Sun rises	Sun sets	Moon sets	H.W. N. Y. GOV.I.			Sun rises	Sun sets	Moon sets	H.W. Bos'n N.Yd
6 30	4 57	11 30	46	1	S.	6 33	4 54	11 25	4 25
6 31	4 56	morn	2 9	2	Mo.	6 34	4 53	morn	5 25
6 32	4 54	42	3 22	3	Tu.	6 36	4 51	39	6 30
6 34	4 53	1 56	4 25	4	We.	6 37	4 50	1 54	7 30
6 35	4 52	3 10	5 19	5	Th.	6 38	4 49	3 9	8 30
6 36	4 51	4 21	6 8	6	Fri.	6 39	4 48	4 21	9 27
6 37	4 50	5 33	6 56	7	Sat.	6 41	4 47	5 34	10 15
6 38	4 49	rises	7 43	8	S.	6 42	4 45	rises	11 4
6 40	4 48	5 58	8 28	9	Mo.	6 43	4 44	5 54	11 50
6 41	4 47	6 41	9 12	10	Tu.	6 44	4 43	6 36	Ev 35
6 42	4 46	7 29	9 58	11	We.	6 46	4 42	7 23	1 20
6 43	4 45	8 22	10 44	12	Th.	6 47	4 41	8 17	2 8
6 44	4 44	9 17	11 33	13	Fri.	6 48	4 40	9 12	3 0
6 46	4 43	10 17	Ev 25	14	Sat.	6 49	4 39	10 13	3 50
6 47	4 42	11 15	1 21	15	S.	6 51	4 39	11 11	4 40
6 48	4 41	morn	2 20	16	Mo.	6 52	4 38	morn	5 34
6 49	4 40	14	3 15	17	Tu.	6 53	4 37	11	6 30
6 50	4 39	1 12	4 2	18	We.	6 54	4 36	1 11	7 22
6 51	4 39	2 13	4 42	19	Th.	6 56	4 35	2 12	8 10
6 53	4 38	3 12	5 21	20	Fri.	6 57	4 34	3 12	8 56
6 54	4 38	4 14	6 0	21	Sat.	6 58	4 34	4 15	9 40
6 55	4 37	5 18	6 37	22	S.	6 59	4 33	5 20	10 25
6 56	4 36	6 26	7 18	23	Mo.	7 0	4 32	6 29	11 10
6 57	4 36	sets	7 59	24	Tu.	7 2	4 32	sets	11 50
6 58	4 35	6 9	8 45	25	We.	7 3	4 31	6 3	morn
6 59	4 35	7 6	9 34	26	Th.	7 4	4 31	7 0	35
7 0	4 35	8 11	10 30	27	Fri.	7 5	4 30	8 5	1 25
7 2	4 34	9 21	11 35	28	Sat.	7 6	4 30	9 16	2 15
7 3	4 34	10 34	morn	29	S.	7 7	4 30	10 30	3 10
7 4	4 34	11 46	47	30	Mo.	7 8	4 29	11 43	4 6

Heavy figures, 12 noon to 12 midnight

DECEMBER, 1908

MOON'S PHASES.	East. Time	Cent. Time	W'st Time
Full Moon..... 7 D.	4 H. 44 M.	3 H. 44 M.	2 H. 44 M.
Last Quarter..... 15 D.	4 H. 12 M.	3 H. 12 M.	2 H. 12 M.
New Moon..... 23 D.	6 H. 49 M.	5 H. 49 M.	4 H. 49 M.
First Quarter..... 30 D.	0 H. 40 M.	11 H. 40 (29)	10 H. 40 (29)

New-York City, Phil., Penn., O., Ind. and Ill. Conn., New Jersey.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa and Oregon.			
MEAN TIME			Stan. Time.			MEAN TIME			Stan. Time.
Sun rises	Sun sets	Moon sets	H.W. N. Y. GOV.I.			Sun rises	Sun sets	Moon sets	H.W. Bos'n N.Yd
7 5	4 34	morn	2 2	1	Tu.	7 10	4 29	morn	5 10
7 6	4 33	56	3 8	2	We.	7 11	4 29	55	6 10
7 7	4 33	2 7	4 6	3	Th.	7 12	4 28	2 7	7 10
7 8	4 33	3 17	5 0	4	Fri.	7 13	4 28	3 18	8 8
7 9	4 32	4 26	5 48	5	Sat.	7 14	4 28	4 29	9 4
7 10	4 32	5 37	6 36	6	S.	7 15	4 28	5 40	9 55
7 11	4 32	rises	7 20	7	Mo.	7 16	4 28	rises	10 44
7 12	4 32	5 19	8 5	8	Tu.	7 17	4 28	5 13	11 30
7 13	4 32	6 11	8 48	9	We.	7 17	4 28	6 4	Ev 15
7 14	4 32	7 0	9 31	10	Th.	7 18	4 28	6 55	1 0
7 15	4 32	8 3	10 14	11	Fri.	7 19	4 28	7 58	1 45
7 15	4 32	9 4	10 55	12	Sat.	7 20	4 28	8 59	2 30
7 16	4 33	10 3	11 38	13	S.	7 21	4 28	9 59	3 15
7 16	4 33	11 1	Ev 24	14	Mo.	7 22	4 28	10 59	4 0
7 17	4 33	11 58	1 12	15	Tu.	7 22	4 29	11 57	4 54
7 18	4 33	morn	2 5	16	We.	7 23	4 29	morn	5 42
7 18	4 33	58	2 54	17	Th.	7 24	4 29	58	6 35
7 19	4 34	1 58	3 45	18	Fri.	7 24	4 29	1 59	7 25
7 20	4 34	3 0	4 38	19	Sat.	7 25	4 30	3 2	8 15
7 20	4 35	4 6	5 25	20	S.	7 26	4 30	4 9	9 8
7 21	4 35	5 13	6 10	21	Mo.	7 26	4 31	5 18	9 55
7 21	4 36	6 23	7 0	22	Tu.	7 26	4 31	6 29	10 42
7 22	4 37	sets	7 48	23	We.	7 27	4 32	sets	11 30
7 22	4 37	5 56	8 38	24	Th.	7 27	4 32	5 50	morn
7 23	4 38	7 6	9 30	25	Fri.	7 28	4 33	7 1	16
7 23	4 39	8 20	10 28	26	Sat.	7 28	4 33	8 16	1 6
7 23	4 39	9 36	11 30	27	S.	7 28	4 34	9 33	2 0
7 23	4 40	10 48	morn	28	Mo.	7 29	4 35	10 47	2 52
7 24	4 40	11 59	34	29	Tu.	7 29	4 36	11 59	3 48
7 24	4 41	morn	1 40	30	We.	7 29	4 37	morn	4 45
7 24	4 42	1 8	2 45	31	Th.	7 30	4 37	1 9	5 45

Heavy figures, 12 noon to 12 midnight

Domestic Postage.

FIRST CLASS.—Letters and all written matter, whether sealed or unsealed, and all other matter sealed, nailed, sewed, tied, or fastened in any manner, so that it cannot be easily examined, **two cents per ounce** or fraction thereof. A "Special Delivery" ten-cent stamp, when attached to a letter in addition to the lawful postage, entitles the letter to immediate delivery at, or within one mile of, any post-office. Postal cards, one cent each; with paid reply, two cents each.

SECOND CLASS.—All regular newspapers, magazines, and other periodicals issued at stated intervals, at least four times a year; the postage is **one cent for each four ounces,** payable by postage stamps.

THIRD CLASS.—Embraces **printed books,** pamphlets, circulars, engravings, lithographs, proof-sheets and manuscript accompanying the same, and all matter of the same general character, and not having the character of personal correspondence. Circulars produced by hektograph or similar process, or by electric pen, are rated as third class when mailed in lots of twenty or more. The limit of weight for mail matter of the third class is four pounds, except in the case of single books exceeding that weight. The rate of postage on mail matter of the third class is **one cent for each two ounces** or fraction thereof.

FOURTH CLASS.—All mailable matter, not included in the three preceding classes, which is so prepared for mailing as to be easily taken from the wrapper and examined. Rate, **one cent per ounce** or fraction thereof, except seeds, roots, cuttings, bulbs, plants, and scions, which are **one cent per two ounces.** Limit of weight, 4 lbs. Full prepayment compulsory. Liquids, and other like injurious matter, not admitted, except under conditions which may be learned at any post-office.

Register all valuable letters and packages. **Registry fee, eight cents,** which, with the postage, must be fully prepaid.

FEES CHARGED FOR MONEY-ORDERS.—For Money-Orders in denominations of $100 or less, the following fees are charged: For orders for sums not exceeding $2.50, 3 cts.; $2.50 to $5, 5 cts.; $5 to $10, 8 cts.; $10 to $20, 10 cts.; $20 to $30, 12 cts.; $30 to $40, 15 cts.; $40 to $50, 18 cts.; $50 to $60. 20 cts.; $60 to $75, 25 cts.; $75 to $100, 30 cts.

Foreign Postage.

To all Foreign Countries (except Canada and Mexico):

On Letters, **five cents for each half ounce** or fraction thereof—prepayment optional. Double rates are collected on delivery of unpaid or short-paid letters.

International Postal Card, two cents.

On Newspapers, Books, Pamphlets, Photographs, Sheet Music, Maps, Engravings, and similar printed matter, **one cent for each two ounces** or fraction thereof.

All matter except Letters must be prepaid. Letters and other packages may be registered on payment of a fee of eight cents.

To CANADA (including Nova Scotia, New Brunswick, Manitoba, and Prince Edward Island): LETTERS, **two cents for each ounce** or fraction thereof; Books, Circulars, and similar printed matter, **one cent for each two ounces** or fraction thereof; SECOND CLASS MATTER same as in the United States; SAMPLES, **one cent per two ounces** (must be paid at least two cents); MERCHANDISE, **one cent per ounce.** Packages must not exceed 4 lbs. in weight—prepayment compulsory. No *sealed* packages other than letters in their usual and ordinary form may be sent by mail to Canada.

To MEXICO: Letters, Postal Cards, and printed matter, same rates as in the United States. SAMPLES, **one cent per two ounces;** MERCHANDISE other than samples can only be sent by Parcel Post. No *sealed* packages other than letters in their usual and ordinary form may be sent by mail.

To PHILIPPINES, CUBA, GUAM, PORTO RICO, TUTUILA, and HAWAII, same rates as in the United States.

LIMITS OF SIZE AND WEIGHT: Packages of samples of merchandise to all countries must not exceed 12 ozs., nor measure more than 12 inches in length, 8 in breadth, and 4 in depth; and packages of printed matter must not exceed 4 lbs. 6 ozs.

INTERNATIONAL OR FOREIGN MONEY-ORDER FEES.—On Money Orders payable in foreign countries the following fees are charged: For Orders for sums of $10 or less, 10 cents; $10 to $20, 20 cents; $20 to $30, 30 cents; $30 to $40, 40 cents; $40 to $50, 50 cents; $50 to $60, 60 cents; $60 to $70, 70 cents; $70 to $80, 80 cents; $80 to $90, 90 cents; $90 to $100, $1.00.

Interest Tables.

4%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY.	0	0	0	0	0	0	0	0	0	0	5	45
8 "	0	0		0	0	0	0	0	1	1	9	89
12 "	0	0	0		0	1	1	1	1	2	14	1.34
16 "	0	0	0	0	1	1	1	2	2	2	18	1.78
20 "	0	0	0	1	1	2	2	2	2	2	22	2.22
24 "	0	0	1	1	2	2	2	2	3	3	27	2.67
28 "	0	0	1	1	2	2	2	3	3	3	31	3.11
1 MO.	0	0	1	2	2	2	3	3	3	4	34	3.34
2 "	0	2	2	3	4	4	5	6	6	7	67	6.67
3 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
6 "	2	4	6	8	10	12	14	16	18	20	2.00	20.00
1 YR.	4	8	12	16	20	24	28	32	36	40	4.00	40.00

5%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY.	0	0	0	0	0	0		0	0	0	6	56
8 "	0	0	0	0	0	0	1	1	1	1	11	1.11
12 "	0	0	0	0	1	1	1	2	2	2	17	1.67
16 "	0	0	0	1	1	2	2	2	2	2	22	2.22
20 "	0	0	1	1	2	2	2	2	3	3	28	2.74
24 "	0	0	1	2	2	2	3	3	3	4	34	3.34
28 "	0	1	1	2	2	3	3	3	4	4	39	3.84
1 MO.	0	1	2	2	2	3	3	4	4	4	42	4.17
2 "	1	2	3	4	4	5	6	7	8	9	84	8.34
3 "	2	3	4	5	6	7	9	10	11	13	1.25	12.50
6 "	3	5	7	10	13	15	18	20	23	25	2.50	25.00
1 YR.	5	10	15	20	25	30	35	40	45	50	5.00	50.00

6%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY.	0	0	0	0	0	0	0	1	1	1	7	67
8 "	0	0	0	1	1	1	1	1	1	1	13	1.33
12 "	0	0	1	1	1	1	1	2	2	2	20	2.00
16 "	0	1	1	1	1	2	2	2	2	3	27	2.67
20 "	1	1	1	2	2	2	2	3	3	3	33	3.33
24 "	1	1	1	2	2	2	3	3	4	4	40	4.00
1 MO.	1	1	2	2	3	3	4	4	5	5	50	5.00
2 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
3 "	2	3	5	6	8	9	11	12	14	15	1.50	15.00
6 "	3	6	9	12	15	18	21	24	27	30	3.00	30.00
1 YR.	6	12	18	24	30	36	42	48	54	60	6.00	60.00

Rules for Computing Interest.

The following will be found to be excellent rules for finding the interest on any principal for any number of days. When the principal contains cents, point off four places from the right of the result to express the interest in dollars and cents. When the principal contains dollars only, point off two places.

Four per Cent.— Multiply the principal by the number of days to run, and divide by 90.

Five per Cent.— Multiply by number of days, and divide by 72.

Six per Cent.— Multiply by number of days, and divide by 60.

Seven per Cent.— Multiply by number of days, and divide by 52.

Eight per Cent.— Multiply by number of days, and divide by 45.

Nine per Cent.— Multiply by number of days, and divide by 40.

Ten per Cent. — Multiply by number of days, and divide by 36.

Twelve per Cent.— Multiply by number of days, and divide by 30.

Fifteen per Cent.— Multiply by number of days, and divide by 24.

Eighteen per Cent.— Multiply by number of days, and divide by 20.

Twenty per Cent.— Multiply by number of days, and divide by 18.

Twenty-four per Cent.— Multiply by number of days, and divide by 15.

Rate of Income on Stocks.

Purchased at the following prices (par value being $100), and bearing interest at the following rates:

Paid.	3%	4%	5%	6%	7%	8%	9%
$50	6.00	8.00	10.00	12.00	14.00	16.00	18.00
55	5.45	7.27	9.09	10.90	12.72	14.55	16.36
60	5.00	6.67	8.33	10.00	11.66	13.33	15.00
65	4.62	6.15	7.69	9.23	10.76	12.30	13.85
70	4.28	5.71	7.14	8.57	10.00	11.42	12.85
75	4.00	5.33	6.66	8.00	9.33	10.66	12.00
80	3.75	5.00	6.25	7.50	[illegible].75	10.00	11.25
85	3.53	4.70	5.88	7.05	8.23	9.41	10.58
90	3.33	4.44	5.55	6.66	7.77	8.88	10.00
91	3.30	4.40	5.49	6.59	7.69	8.79	9.89
92	3.26	4.34	5.43	6.52	7.60	8.70	9.78
93	3.23	4.30	5.38	6.45	7.53	8.60	9.68
94	3.19	4.26	5.32	6.38	7.45	8.51	9.57
95	3.15	4.21	5.26	6.31	7.36	8.42	9.47
96	3.13	4.17	5.21	6.25	7.29	8.33	9.38
97	3.09	4.12	5.15	6.18	7.22	8.25	9.28
98	3.06	4.08	5.10	6.12	7.14	8.16	9.18
99	3.03	4.04	5.05	6.06	7.07	8.08	9.09
101	[illegible].97	3.96	4.95	5.94	6.93	7.92	8.91
102	2.94	3.92	4.90	5.88	6.86	7.84	8.82
103	2.91	3.88	4.85	5.83	6.80	7.77	8.74
104	2.88	3.85	4.81	5.77	6.73	7.69	8.65
105	2.86	3.80	4.76	5.71	6.66	7.61	8.57
106	2.83	3.77	4.72	5.66	6.60	7.55	8.49
107	2.80	3.74	4.67	5.61	6.54	7.48	8.41
108	2.78	3.70	4.63	5.56	6.48	7.41	8.33
109	2.75	3.67	4.59	5.50	6.42	7.34	8.26
110	2.72	3.63	4.54	5.45	6.36	7.27	8.18
120	2.50	[illegible].33	4.16	5.00	5.83	6.66	7.50

Weekly Table of Wages.

Week	1 hour	2 hours	3 hours	4 hours	5 hours	6 hours	1 day	2 days	3 days	4 days	5 days	6 days
$1.50	3	6	9	11	14	17	25	50	75	1.00	1.25	1.50
2.00	4	7	11	15	19	22	33	67	1.00	1.33	1.67	2.00
3.00	6	11	17	22	28	33	50	1.00	1.50	2.00	2.50	3.00
4.00	7	15	22	30	37	44	67	1.33	2.00	2.67	3.33	4.00
5.00	9	19	28	37	46	56	83	1.67	2.50	3.33	4.17	5.00
6.00	11	22	33	44	56	67	1.00	2.00	3.00	4.00	5.00	6.00
7.00	13	26	39	52	65	78	1.17	2.33	3.50	4.67	5.83	7.00
8.00	15	30	44	59	74	89	1.33	2.67	4.00	5.33	6.67	8.00
9.00	17	33	50	67	83	1.00	1.50	3.00	4.50	6.00	7.50	9.00
10.00	19	37	56	74	92	1.11	1.67	3.33	5.00	6.67	8.33	10.00
11.00	20	41	61	81	1.02	1.22	1.83	3.67	5.50	7.33	9.17	11.00
12.00	22	44	67	89	1.11	1.33	2.00	4.00	6.00	8.00	10.00	12.00
13.00	24	48	72	96	1.20	1.44	2.17	4.33	6.50	8.67	10.83	13.00
14.00	26	52	78	1.04	1.30	1.56	2.33	4.67	7.00	9.33	11.67	14.00
15.00	28	56	83	1.11	1.39	1.67	2.50	5.00	7.50	10.00	12.50	15.00
16.00	30	59	89	1.19	1.48	1.78	2.67	5.34	8.00	10.67	13.34	16.00
17.00	31	63	94	1.26	1.57	1.89	2.83	5.67	8.50	11.33	14.17	17.00
18.00	33	67	1.00	1.33	1.67	2.00	3.00	6.00	9.00	12.00	15.00	18.00

This Table is based upon the usual calculation of 9 hours to a day.

Weights — Measures.

MEASURES OF WEIGHT.—*Avoirdupois:* 1 pound equals 7000 grains; 16 drams, 1 ounce; 16 ounces, 1 pound; 112 pounds, 1 hundredweight; 20 hundredweight, 1 ton. *Troy:* 1 pound equals 5760 grains; 24 grains, 1 pennyweight; 20 pennyweights, 1 ounce; 12 ounces, 1 pound. *Apothecaries':* 1 pound equals 5760 grains; 20 grains, 1 scruple; 3 scruples, 1 dram; 8 drams, 1 ounce; 12 ounces, 1 pound. *Metric:* 1 kilogramme equals 1000 grammes, equals 2.2 Avoirdupois pounds.

MEASURES OF LENGTH.—*Customary:* 12 inches equal 1 foot; 16½ feet, 1 rod; 40 rods, 1 furlong; 8 furlongs, 1 statute mile; 1 statute mile, 5280 feet or 1760 yards; 1 marine league, 3 nautical miles; 1 fathom, 6 feet; 1 nautical mile equals 6080.2 feet. *Metric:* 1000 millimetres equal 1 metre; 1000 metres, 1 kilometre; 1 metre equals 39.37 inches.

SURFACE OR SQUARE MEASURE.—*Customary:* 144 square inches equal 1 square foot; 9 square feet, 1 square yard; 30.25 square yards, 1 square rod; 40 square rods, 1 square rood; 4 square roods, 1 acre; 640 acres, 1 square mile; 1 acre equals 208.7 feet square. *Metric:* 1 square metre equals 10.764 square feet; 100 square metres equal 1 are; 1 hectare equals 100 ares, or 2.471 acres.

SOLID OR CUBIC MEASURE.—*Customary:* 1728 cubic inches equal 1 cubic foot; 27 cubic feet, 1 cubic yard; 40 cubic feet of round timber, 1 ton; 50 cubic feet of hewn timber, 1 ton; 128 cubic feet of wood (4 feet by 4 feet by 8 feet), 1 cord; 24.75 cubic feet of stone, 1 perch — usually 16½ feet by 1½ feet by 1 foot, but varies greatly. *Metric:* 1000 cubic centimetres equal 1 litre; 1 litre equals 1.0567 quarts.

LIQUID MEASURE.—English gallon equals 277.274 cubic inches, or 1.20032 U. S. gallons; 4 gills, 1 pint; 2 pints, 1 quart; 4 quarts, 1 gallon.

DRY MEASURE.—1 bushel equals 2150.42 cubic inches; 2 pints, 1 quart; 4 quarts, 1 gallon; 2 gallons, 1 peck; 4 pecks, 1 bushel. *Metric:* 10 millilitres equal 1 centilitre; 10 centilitres, 1 decilitre; 10 decilitres, 1 litre; 1 litre, 0.908 dry quart.

CAPACITY OF BOXES.

25	in. sq.,	11.66 in.	deep	=	Approx.	1 wine barrel.
25	" "	9.10 "	"	=	"	1 wine half barrel.
17	" x 14 in.	9.00 "	"	=	"	1 bushel.
10	" x 12 "	[illegible] "	"	[illegible]	"	[illegible] "
8	" sq.,	8.40 "	"	=	"	1 peck.
8	" "	4.20 "	"	=	"	1 gal. (dry measure).
7	" diam.,	6.00 "	"	=	"	1 gal. (liquid measure).

The Metric System.

The Metric System of Weights and Measures has been legalized by act of Congress, July 18, 1896.

METRIC WEIGHTS.— 10 milligrams make 1 centigram, 10 centigrams 1 decigram, 10 decigrams 1 gram, 10 grams 1 dekagram, 10 dekagrams 1 hektogram, 10 hektograms 1 kilogram, 1,000 kilograms 1 metric ton.

METRIC MEASURES.— (One milliliter equals cubic centimeter.) 10 milliliters make 1 centiliter, 10 centiliters 1 deciliter, 10 deciliters 1 liter, 10 liters 1 dekaliter, 10 dekaliters 1 hektoliter, 10 hektoliters 1 kiloliter.

METRIC LENGTHS.— 10 millimeters make 1 centimeter, 10 centimeters 1 decimeter, 10 decimeters 1 meter, 10 meters 1 dekameter, 10 dekameters 1 hektometer, 10 hektometers 1 kilometer.

APPROXIMATE EQUIVALENTS.

A meter is about a yard; a kilo is about 2 pounds; a liter is about a quart; a centimeter is about ⅓ inch; a metric ton is about same as an ordinary ton; a kilometer is about ½ mile; a cubic centimeter is about a thimbleful. A nickel five-cent piece of our coinage is a handy key to metric measures and weights. It is two centimeters in diameter and weighs five grams.

PRECISE EQUIVALENTS.

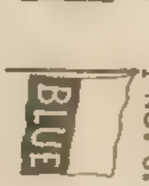
1 acre equals .4047 hectar; 1 bushel, 35.24 liters; 1 centimeter .3937 inch; 1 cubic centimeter, .0610 cubic inch; 1 cubic foot, .0283 cubic meter; 1 cubic inch, 16.39 cubic cent.; 1 cubic meter, 35.31 cubic feet; 1 cubic meter, 1.308 cubic yards; 1 cubic yard, .7645 cubic meter; 1 foot, 30.48 centimeters; 1 gallon, 3.785 liters; 1 grain, .0648 gram; 1 gram, 15.43 grains; 1 hectar, 2.471 acres; 1 inch, 25.40 millimeters; 1 kilogram, 2.05 pounds; 1 kilometer, .6214 mile; 1 liter, .9081 quart (dry); 1 liter, 1.057 quart (liquid); 1 meter, 3.281 feet; 1 mile, 1.609 kilometers; 1 millimeter, .0394 inch; 1 ounce (avd.), 28.35 grams; 1 ounce (Troy), 31.10 grams; 1 peck, 8.809 liters; 1 pint, .4732 liter; 1 pound, .4536 kilogram; 1 quart (dry), 1.101 liters; 1 quart (liquid), .9464 liter; 1 sq. centimeter, .1550 sq. inch; 1 sq. foot, .0927 sq. meter; 1 sq. inch, 6.452 sq. cent.; 1 sq. meter, 1.196 sq. yards; 1 sq. meter, 10.76 sq. feet; 1 sq. yard, .8361 sq. meter; 1 ton (2,000 lbs.), .9072 metric ton; 1 ton (2,240 lbs.), 1.017 metric ton; 1 ton (metric), 1.102 ton (2000 lbs.); 1 ton (metric), 9.842 ton (2,240 lbs.); 1 yard, .9144 meter.

PRESIDENTS OF THE UNITED STATES.

Names.	Born.	Inaugurated.	In Office.	Died.	Native of
George Washington.	Feb. 22, 1732	April 30, 1789	8 years. ..	Dec. 14, 1799	Virginia.
John Adams.....	Oct. 30, 1735	Mar. 4, 1797	4 "	July 4, 1826	Mass.
Thomas Jefferson ...	April 2, 1743	" 4, 1801	8 "	July 4, 1826	Virginia.
James Madison.....	Mar. 16, 1751	" 4, 1809	8 "	June 28, 1836	"
James Monroe	April 2, 1759	" 4, 1817	8 "	July 4, 1831	"
John Quincy Adams.	July 11, 1767	" 4, 1825	4 "	Feb. 23, 1848	Mass.
Andrew Jackson	Mar. 15, 1767	" 4, 1829	8 "	June 8, 1845	S. Carol.
Martin Van Buren...	Dec. 5, 1782	" 4, 1837	4 "	Dec. 27, 1862	New York.
William H. Harrison.	Feb. 9, 1773	" 4, 1841	1 month...	April 4, 1841	Virginia.
John Tyler.....	Mar. 20, 1790	April 5, 1841	3 yrs. 11 m.	Jan. 17, 1862	"
James K. Polk.....	Nov. 2, 1795	Mar. 4, 1845	4 years....	June 15, 1849	N. Carol.
Zachary Taylor	Nov. 24, 1790	" 4, 1849	1 yr. 4 m.	July 9, 1850	Virginia.
Millard Fillmore	May 7, 1800	July 10, 1850	2 yrs. 8 m.	Mar. 8, 1874	New York.
Franklin Pierce	Nov. 23, 1804	Mar. 4, 1853	4 years....	Oct. 8, 1869	N. Hamp.
James Buchanan	April 23, 1791	" 4, 1857	4 " ...	June 1, 1868	Pennsylva.
Abraham Lincoln ...	Feb. 12, 1809	" 4, 1861	4 yrs. 40 d.	April 15, 1865	Kentucky.
Andrew Johnson....	Dec. 29, 1808	April 15, 1865	3 yrs. 11 m.	July 31, 1875	N. Carol.
Ulysses S. Grant	April 27, 1822	Mar. 4, 1869	8 years....	July 23, 1885	Ohio.
Rutherford B. Hayes	Oct. 4, 1822	" 5, 1877	4 "	Jan. 17, 1893	"
James A. Garfield...	Nov. 19, 1831	" 4, 1881	6 m. 15 d.	Sept. 19, 1881	"
Chester A. Arthur...	Oct. 5, 1830	Sept. 19, 1881	3 yrs. 5 m.	Nov. 18, 1886	Vermont.
Grover Cleveland...	Mar. 18, 1837	Mar. 4. 1885	4 years....	.....	N. Jersey.
Benjamin Harrison..	Aug. 20, 1833	" 4, 1889	4 "	Mar. 13, 1901	Ohio.
Grover Cleveland ...	Mar. 18, 1837	" 4, 1893	4 "	.....	N. Jersey.
William McKinley ..	Jan. 29, 1843	" 4, 1897	4 yrs. 6 m.	Sept. 14, 1901	Ohio.
Theodore Roosevelt.	Oct. 27, 1858	Sept. 14, 1901	.....	.....	New York.

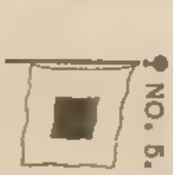
Fair Weather.

Rain or Snow.



Local rain or Snow.

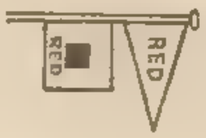
Temperature.



Cold Wave.

No. 1, alone, indicates fair weather, stationary temperature.
No. 2, alone, indicates rain or snow, stationary temperature.
No. 3, alone, indicates local rain or snow, stationary temperature.
No. 1, with No. 4 above it, indicates fair weather, warmer.
No. 1, with No. 4 below it, indicates fair weather, colder.
No. 2, with No. 4 above it, indicates rain or snow, warmer.
No. 2, with No. 4 below it, indicates rain or snow, colder.
No. 3, with No. 4 above it, indicates local rain or snow, warmer.
No. 3, with No. 4 below it, indicates local rain or snow, colder.

STORM AND HURRICANE WARNINGS.



N. E. Winds.

S. E. Winds.

N. W. Winds.

S. W. Winds.

Hurricane.

STORM WARNINGS.—A red flag with a black center indicates a storm of marked violence

The pennants displayed with flags indicate direction of wind—red, easterly; white, westerly; pennant above flag indicates wind from northerly quadrants; below, from southerly quadrants.

By night a red light indicates easterly winds, white light above red, westerly winds.

Two red flags with black centers indicate approach of tropical hurricanes.

No night hurricane signals are displayed.

Principal Cities.

POPULATION, DISTANCE FROM NEW-YORK, AND DIFFERENCE BETWEEN MEAN AND STANDARD TIME.

CITIES.	Population 1900.	Miles	Hours	Stan. Time — } Mean + } Time.
New-York, N. Y	3,437,202	....	....	— 4 m.
Chicago, Ill	1,698,575	912	24.	— 9
Philadelphia, Pa	1,293,697	90	2.	+ 1
St. Louis, Mo	575,238	1065	29.40	+ 1
Boston, Mass	560,892	234	5.	— 16
Baltimore, Md	508,957	188	4.09	+ 6
Cleveland, Ohio	381,768	595	14.20	+ 27
Buffalo, N. Y	352,387	410	8.20	+ 16
San Francisco, Cal	342,782	3269	100.15	+ 10
Cincinnati, Ohio	325,902	757	21.10	— 22
Pittsburgh, Pa	321,616	444	12.	+ 20
New Orleans, La	287,104	1371	48.	0
Detroit, Mich	285,704	646	16.55	— 28
Milwaukee, Wis	285,315	997	27.10	— 8
Washington, D. C	278,718	228	5.25	+ 8
Newark, N. J	246,070	10	.30	— 3
Louisville, Ky	204,731	867	24.30	— 18
Minneapolis, Minn	202,718	1332	39.	+ 12
Providence, R. I	175,597	188	4.01	— 14
Indianapolis, Ind	169,164	825	22.30	— 16
Kansas City, Mo	163,752	1385	41.30	+ 19
St. Paul, Minn	163,065	1322	38.40	+ 12
Rochester, N. Y	162,608	371	6.55	+ 11
Denver, Col	133,859	1974	60.	0
Toledo, Ohio	131,822	700	17.30	— 16
Columbus, Ohio	125,560	540	17.	— 28
Worcester, Mass	118,421	190	5.	— 13
Syracuse, N. Y	108,374	291	5.28	+ 5
Omaha, Neb	102,555	1402	41.30	+ 14
Los Angeles, Cal	102,479	3177	100.	— 7
Albany, N. Y	94,151	143	2.45	— 5
Portland, Ore	90,426	3226	112.30	+ 20
Grand Rapids, Mich	87,565	934	23.08	— 17
Seattle, Wash	80,671	3358	120.	+ 10
Des Moines, Iowa	62,139	1270	41.	+ 14
Savannah, Ga	54,244	904	31.	+ 24
Salt Lake City, Utah	53,531	2471	72.	+ 28
Lincoln, Neb	40,169	1460	30.30	+ 22
Tacoma, Wash	37,714	3209	128.	+ 9

Foreign Coins.

DENOMINATION.	COUNTRY.	Equivalent U. S. Money
Alfonso	Spain	$4.80.
Boliviano	Bolivia	.60.8
Crown	Nor'y, Swed'n, Den'k.	.26.8
Dollar	British America	1.00.
"	Mexico	.75.8
"	Spain	.94.
Drachma	Greece	.19.3
Florin	Austria	.34.5
"	Netherlands	.40.2
Franc	France, Belg., Switz.	.19.3
20 Kroner	Nor'y, Swed'n, Den'k.	5.25.
Lira	Italy	.19.3
Mark	German Empire	.23.8
Milreis of 1000 reis	Brazil	.54.6
" " "	Portugal	1.08.
Peseta of 100 centimes	Spain	.19.3
Peso	Chili	.91.2
"	Cuba	.92.6
Piaster	Egypt	.04.9
"	Turkey	.04.4
Pound Sterling (Sovereign)	England	4.87.
Rouble of 100 copecks	Russia	.55.8
Shilling	England	.24.
Sol	Peru	.60.8
Thaler (3 marks)	Germany	.70.
Yen	Japan	.49.8

Explanation of the Currencies of the various Countries.

AUSTRIA AND RUSSIA—The Paper Currencies are continually subject to important fluctuations.

In FRANCE, BELGIUM, SWITZERLAND, AND ITALY, 1 franc=100 centimes. GERMANY, 1 mark=100 pfennig. HOLLAND, 1 florin or gulden=100 cents. NORWAY, SWEDEN, AND DENMARK, 1 kroner=100 öre. UNITED STATES, 1 dollar=100 cents. SPAIN, 1 peseta=100 centavos. AUSTRIA, 1 florin=100 kreuzer. PORTUGAL, 1 milreis=1000 reis. GREECE, 1 drachma=100 leptas. TURKEY 1 piaster=40 paras. RUSSIA, 1 rouble=100 copecks.

Italian notes and silver are not current in France, Belgium, and Switzerland, but the silver of these countries passes current in Italy.

Help in Case of Accidents.

DROWNING.— 1. Loosen clothing, if any. 2. Empty lungs of water by laying body on its stomach, and lifting it by the middle so that the head hangs down. Jerk the body a few times. 3. Pull tongue forward, using handkerchief, or pin with string, if necessary. 4. Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. 5. Apply warmth and friction to extremities. 6. By holding tongue forward, closing the nostrils, and pressing the "Adam's apple" back (so as to close entrance to stomach), direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. 7. DON'T GIVE UP! People have been saved after HOURS of patient, vigorous effort. 8. When breathing begins, get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air, and quiet.

SUNSTROKE.—There are two important indications for treatment—reduction of temperature and the use of stimulants. The patient should first be removed to a cooler spot if possible, or at least where shade can be secured. The treatment should be begun at once. The clothing about the neck and body must be either loosened or removed. Cold is particularly indicated in cases where there is great heat of the body, and delirium and convulsive movements are present. This means of reducing the temperature may be applied in the shape of cracked ice about the head and spine, or the use of cold water. If the heat of the body is very great, it may be necessary to wrap the patient in sheets wet with cold water. If there is, besides the great heat, evidence of serious depression, stimulants must be used while the cold is being applied.

HÆMORRHAGE.— The usual treatment is rest in the recumbent position; small pieces of ice should be freely swallowed, and the application of ice wrapped in a towel or in an ice-bag, or snow, cold water, etc., over the stomach; hot applications may be applied to the extremities.

FIRE IN A BUILDING.— Crawl on the floor. The clearest air is the lowest in the room. Cover head with woolen wrap, wet if possible. Cut holes for the eyes. *Don't get excited.*

Help in Case of Accidents.

BURNS AND SCALDS.— Cover with cooking soda and lay wet cloths over it. Whites of eggs and olive oil. Olive oil or linseed oil, plain, or mixed with chalk or whiting. Sweet or olive oil and lime-water. Shock, which is always present in severe burns, requires the administration of stimulants. Pain is more constant and intense in burns than in any other form of injury, and requires sedatives, which should be administered by the medical attendant. Later on the appearances of inflammation and other complications are to be carefully watched for.

SUFFOCATION FROM INHALING ILLUMINATING GAS. —Get into the fresh air as soon as possible and lie down. Keep warm. Take ammonia—twenty drops to a tumbler of water, at frequent intervals; also, two to four drops tincture of nux vomica every hour or two for five or six hours.

TESTS OF DEATH.— Hold mirror to mouth. If living, moisture will gather. Push pin into flesh. If dead, the hole will remain; if alive, it will close up. Place fingers in front of a strong light. If alive, they will appear red; if dead, black or dark.

MAD DOG OR SNAKE-BITE.— Tie cord tight above wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife. Give stimulants, as whisky, brandy, etc.

FIRE IN ONE'S CLOTHING.— *Don't run*—especially not downstairs or out-of-doors. Roll on carpet, or wrap in woolen rug or blanket. Keep the head down, so as not to inhale flame.

FIRE FROM KEROSENE.— *Don't use water*, it will spread the flames. Dirt, sand, or flour is the best extinguisher, or smother with woolen rug, table-cloth, or carpet.

CINDERS IN THE EYE.— Roll soft paper up like a lamp lighter, and wet the tip to remove, or use a medicine dropper to draw it out. Rub the *other* eye.

FAINTING.— Place flat on back; allow fresh air, and sprinkle with water. Place head lower than rest of body.

STINGS OF VENOMOUS INSECTS, ETC.— Apply weak ammonia, oil, salt water, or iodine.

LIGHTNING.— Dash cold water over a person struck.

Poisons and Antidotes.

FIRST.—Send for a physician.

SECOND.—INDUCE VOMITING, by tickling throat with feather or finger. Drink hot water or strong mustard and water. Swallow sweet oil or whites of eggs.

Acids are antidotes for alkalies, and vice versa.

ACIDS, MINERAL.—Chalk, magnesia (plaster off wall in emergency), solution carbonate of soda, emollient drinks, fixed oils.

ACID, CARBOLIC.—Any soluble sulphate, such as magnesia.

ACID, HYDROCYANIC.—Fresh air and artificial respiration, with cold effusion. Ammonia by inhalation and intravenously in vein of leg.

ACONITE.—Emetics, stimulants, external and internal; keep up external heat, keep flat on back.

ANTIMONY TART.—Vegetable acids, such as tannic acid, catechu.

ARSENIC.—Freshly precipitated hydrated sesquioxide of iron made by adding magnesia to any iron solution.

ATROPIA.—Same as Belladonna.

BELLADONNA.—Emetics—mustard flour in water; give physostigma or pilocarpine; cold to head.

CANTHARIDES.—Emetics, emollient drinks, opiates by mouth and rectum, large draughts of water to flush kidneys.

CHLORINE WATER.—Albumen, white of egg, milk, flour.

CHLOROFORM.—Fresh air, artificial respiration (inclining head down, pull tongue forward), brandy and ammonia intravenously in leg, the HYPODERMIC injection of 15 m. tincture of digitalis and 1-60 of a grain of atropine.

COLCHICUM.—Emetics, followed by demulcent drinks. If coma be present brandy, ammonia, coffee. Opium in large dose. Keep up external heat.

CONIUM.—Emetics, followed by stimulants external and internal.

CORROSIVE SUBLIMATE.—Albumen, white of egg (4 gr. sublimate require white of one egg), flour, milk. Equal parts of lime water and milk. Emetics, or evacuate stomach by pump.

Poisons and Antidotes.

COPPER SULPH.—Yellow prussiate of potash or soap.

CROTON OIL.—Emetics; wash out stomach, followed by mucilaginous fluids, containing opium.

DIGITALIS.—Recumbent posture after emetics. Emetics and opium; give tincture aconite.

ELATERIUM.—Demulcent drinks, enemeta of opium, and external heat.

HYOSCYAMUS.—Stomach pump, emetics, stimulants external and internal, physostigma and pilocarpine.

ILLUMINATING GAS.—Hypodermic injections of nitroglycerin are recommended by Kloman, of Baltimore.

IODINE.—Emetics and demulcent drinks, starch or flour diffused in water, opium and external heat.

LEAD SALTS.—Any soluble sulphate, either magnesia or soda, succeeded by emetics, and afterwards by opium and milk.

LOBELLA.—Stimulants externally and internally; external heat.

MORPHINE.—Same as opium.

NUX VOMICA.—30 grs. of chloral and 60 grs. of bromide of potash. Nitrite of amyl.

OPIUM.—Atropine hypodermically till respirations number 8 per minute. Stomach pump, stimulants, external and internal, brandy and coffee, cold affusion, ammonia to nostrils, galvanic shocks, compelling to move about, artificial respiration, electric brush. Permanganate of Potash.

OXALIC ACID.—Lime, not potash or soda.

PHOSPHORUS.—Sulphate of copper in emetic dose as chemical antidote. No oils. Emetics and purgatives.

POTASH AND SODA SALTS.—Dilute acetic acid, citric acid, lemon juice, fixed oils, demulcents, vinegar.

SILVER NITRATE.—Solution of common salt and demulcent drinks. Emetics.

STRAMONIUM.—Same as Belladonna.

STRYCHNINE.—Same as Nux Vomica.

TOBACCO.—Emetic, stimulants, external and internal, strychnine, external heat.

ZINC SALTS.—Carbonate of soda, emetics, warm demulcent drinks.

Things Easily Forgotten.

No. of Watch Case.....

No. of Works.....

No. of Bank Book .....

No. of Bicycle .....

My Weight on .....lbs.

Height.....

Size of my Hat.....Gloves .....

" Hosiery .....Collar .....

" Cuffs.....Shoes.....

" Drawers.....Shirt .....

This book belongs to

William Brewster
145 Brattle Street
Cambridge, Mass.

In case of accident notify

.....

.....

Washington, D. C.

Wea. WED. JAN. 1, 1908 Ther.

Forenoon cloudy; afternoon clear. Rather cool but not frosty. Light W. wind.

Took a rather long walk with C. in forenoon looking for rooms at the Shoreham, Normandie and Stoneleigh Court. Found nothing suitable to our present needs so we shall probably stay on at the Gordon.

I went to Dr. Allen's at 2 P.M. & spent two hours in his chair. Relaxing wrote letters until 5.30 when C. read to me for an hour. Nelson called at 8.45 and stayed until 10.

Wea. THURSDAY 2 Ther.

Clear, calm, mild, spring like.

Spent forenoon in my room writing letters & working a little on Umbagog. M. S. To Dr. Allen's at 1.30 spending nearly an hour there. While in his chair, I saw a Buzzard soaring over the city at a great height. This is literally the first native bird I have noted since I came here three weeks ago.

C., Henry & I went to Belasco Theatre this evening to see John Drew in a House with a thousand candles." It was very poor

Washington.

Wea. FRI. JAN. 3, 1908 Ther.

Clear & cooler with light easterly winds.

To Dr. Allen's at 8.30. Back to the Gordon by 10.30. At 12.30 C. & I went to Harvey's to lunch with Nelson & Henry, the former being our entertainer. We had roasted oysters deliciously cooked and bevered with a unique sauce, an invention of Harvey's & a carefully guarded secret we were told. I spent most of the afternoon working on Umbagog M.S. C. read aloud from Wister's Washington in the evening.

Wea. SATURDAY 4 Ther.

N.E. storm, at first snow, then sleet, finally rain, the air intensely chilly.

Wrote letters and worked a little on Umbagog M.S. in forenoon. Went to Dr. Davis's 1408 New York Ave. at noon and had two teeth extracted, taking laughing gas or rather a modern substitute for it that works more quickly. After this walked to 7th St. & bought a bowl for C's lily bulbs. Took the cars back. Spent afternoon & evening in our rooms writing a little. C. read from magazines in the evening.

Washington.

Wea. SUN. JAN. 5, 1908 Ther.

Brilliantly clear with fresh N.W. wind. Much cooler, the street puddles frozen. Took a walk with C. after breakfast. Sixteenth St. is shaded by tulip trees of fair size. In the top of one of them, only a few rods from the Gordon, I saw a ♂ Cardinal. He was among the seed vessels of the tulip tree & he chirped incessantly. Wrote letters after my return.

Miss Stebbins lunched with C. & me. At 3 P.M. Jos. Grinnell called & took me to the Kensington where I met Miss Alexander of Colo. Henry spent the evening with C. & me.

Wea. MONDAY 6 Ther.

Brilliantly clear with fresh N.W. wind. Early morning cool.

To Dr. Allen's at 8.30. He filled one tooth & dismissed me at 9.30. On the way back I called at the Riggs Nat. Bank & drew $100. on my letter of credit. Also bought some magazines. Worked on Umbagog M.S. rest of forenoon & all afternoon. C. went to the Belasco Theatre to de Julia Marlowe this evening, I to the Cosmos where I met Howell, Rose & others. Met C. & Miss Gregerson when the [illegible] was [illegible] & escorted [illegible]

Washington.

Wea. TUES. JAN. 7, 1908 Ther.

Raining heavily all day. Wind N.E.

Writing all day in the smoking room and the hall of the Gordon. The conditions are not favorable there for composition but I did my best & produced a couple of pages of rather dull matter for the introduction to the Umbagog book. C. worked with her type writer on some M.S. that Henry has given her to copy. We did not either of us go over & no one came to see us.

Wea. WEDNESDAY 8 Ther.

Cloudy, chilly, calm. Raining in evening Mr. & Mrs. J.-C. Melvin arrived from Boston at 9.45. I went to station to meet them but missed them there. Found them later at New Willard & brought them to Gordon to lunch. They started for South Carolina at 3.45. At 2.30 I met an appointment with Dr. Allen who filled a front tooth. Back to Gordon by 5 P.M. shopping a little by the way. C. read short stories from magazines in the evening

Washington.

Wea. THUR. JAN. 9, 1908 Ther.

Clear, cold; high N.W. wind; a harsh, disagreeable day despite the bright sun.

To Dr. Allen's at 8.30. He kept me about an hour & filled two teeth. Returning to the Gordon I wrote letters until noon. C. & I took a walk after lunch calling at the Belasco for opera tickets for next week & at Brentano's to buy two novels & some note paper. Got back about 3.30 and worked on Umbagog M.S. until 6.30. Henry came at 8.15 & stayed until 10.

Wea. FRIDAY 10 Ther.

28°

Clear and warmer yet frosty. Light westerly to southerly winds.

To Dr. Allen's at 8.45. Spent an hour in his chair & had one tooth filled. Did a little shopping & returned to the Gordon to work on Umbagog M.S. Escorted C. to the Belasco after lunch. She went to attend a travel lecture by Burton Holmes & very good she found it. I spent the afternoon writing. C. read to me in evening. Letter from W. A. Jeffries about F. [illegible] & [illegible]

Washington.

Wea. SAT. JAN. 11, 1908 Ther.

Forenoon sunny; afternoon cloudy; light rain at evening. Mild with light S.E. wind.

Spent entire morning in hotel lobby working on Umbagog M.S. Out walking with C. most of afternoon. We visited F. St. where I bought a rain coat and the Corcoran Art Gallery where I saw Joe Smith's Egyptian pictures a second time. In a little flower store near Stoneleigh Court we bought an azalea, a primrose & a pot of ferns to brighten our little parlor at the Gordon. C. read to me from "Bean Brocade" after dinner

Wea. SUNDAY 12 Ther.

60°

Forenoon sunny; afternoon cloudy with heavy thunder shower. Very warm. Wind W.

Spent most of day in hotel lobby writing letters. Took a short walk alone about sunset strolling through the streets & parks near the Gordon. It seems strange to see no native birds. I thought I heard the chirp of a cardinal outside my window this morning but was not sure. I see old Robin's walk in trees along our street. C. read to me this evening from "Bean Brocade"

Washington – Boston.

Wea. MON. JAN. 13, 1908 Ther.

50°

Early morn clear; rest of day cloudy with light rain in P.M. Calm. Mild

C. & I took a walk after breakfast calling at the tailor's to try on a rain coat I bought yesterday & am having altered, to the Penn. R.R. ticket office & to Galts where we parted, she to return to the Gordon, I to keep on to Agric Dept. where I saw Henry, Fishne, Oldys, Oberholzer & Osgood & to the Smith gallery where I had a smoke with Ridgway & Richmond. Returned to Gordon to lunch. Spent P.M. in my room writing. C. & I went to the Belasco at 7.45 to see the opera "Aida". It was fine with a capital tenor.

A Crow cawing at day break near the Gordon.

Wea. TUESDAY 14 Ther.

Clear, much cooler, strong N.W. wind.

Left Washington at 7.40 A.M. by Colonial Express for Boston where I arrived on time at 8.20 P.M. Got off at Dorwaite St. and walked to W. A. Jeffers house where I am to stay until Thursday. Before going to bed Jeffers gave me a full account of the financial condition of the Fish Gauge Proc. Ass. He has gone to the bottom of things. I worked in the cars most of the day on Umbagog M.S. There is no snow anywhere between Washington & Boston & all the ponds except the very smallest are free from ice.

Boston - Washington.

Wea. WED. JAN. 15, 1908 Ther. 22°

Clear & colder. High N. W. wind

A strenuous day. Breakfast at 8, a walk across the Gordon & Common with Jaffrey at 8.40 reaching 15 State St. about 9.

Spent most of forenoon in our office. Saw Gilbert, W. Deane & J. L. Bernstein there. Signed a lot of quarterly cheques. Directed purchase of 5 more Mass. bonds for the Estate. Luncheon at "Bank of Grapes". Executive Com. meeting in Globe building 2 - 5 P.M. Annual Meeting Fish & Game Ass. in basement. Westminster Hotel 7.30 - 10.30. Reed, Hinman, Wiggin & others attacked our Com. bitterly. I asked to have my name withdrawn from nomination but was reelected President. They opposition glossed about 4 of them near on the committee. It was a lively time.

Wea. THURSDAY 16 Ther. 40° at Boston.

Cloudy & warmer with rain in forenoon

Left Boston at 9.04 A.M. by colonial Ex. for Washington which I reached at 9.45 P.M. A little fresh fallen snow in Conn. Worked at intervals through day on a letter to Fish & Game Ass. declining to serve again as President. Read magazines, also. Found Mr. & Mrs. Buck on the train & talked with them about Jaffrey where I met them in 1898 or 9. They were on their way to Pinehurst to-day. On reaching the Gordon about 10 found Co. as well as usual.

Washington

Wea. FRI. JAN. 17, 1908 Ther.

Clear, calm, mild. A delightful day, one of the very pleasantest of the winter.

Spent forenoon writing letters in the lobby of the Gordon. To Dr. Allen's at 1.45. He worked on my teeth about an hour. On my way back to hotel bought some underclothes & a pot of primroses for our parlor. Worked on Wimbledon of M.S. in late P.M. Henry came at 8.15 and stayed until 9.30. He is having much trouble with intestinal indigestion. I have a heavy cold which started in Boston

Wea. SATURDAY 18 Ther.

Partly cloudy. Rather mild but with chill east wind.

Heard a Cardinal chirping in the grounds at the rear of the Gordon as I was eating breakfast. To Dr. Allen's at 9 A.M. He kept me about an hour taking a plaster cast of my lower jaws for use in making a plate.

Returned to the Gordon at 10.30 & spent the remainder of the day there writing letters & M.S. in the lobby. Co. went in the Columbia in P.M. with Mass Grasperson to see the Red Mill

Washington.

Wea. SUN. JAN. 19, 1908 Ther.

A rare day, cloudless, calm, just pleasantly cool - or warm - which shall one say? Ther. about 50° at noon.

To the Ontario at 10.30 to see Henry. He is suffering from intestinal indigestion but keeps out & at his work. I sat with him in his room until noon. Two Buzzards passed the window very near. Crows caving. Got back in time for lunch with C. In the afternoon we called on the Vernon Bailey's & on the Merriams. I called alone on Mrs. Baker. Worked back from there

Wea. MONDAY 20 Ther.

Clear, calm, mild.

C. spent the day in our rooms, in her wrapper. I helped her about some copying she is doing for Henry. Also I worked on Umbogog M.S. for three or four hours. Went to Dr. Allen's at 1.30. He took another plaster cast of my mouth & extracted a loose piece of jaw bone. W. E. Brigham, Washington reporter for the Bos. Transcript, interviewed me this evening at the Association Trouble. I told him literally nothing except that "I was leaving the Presidency in a spirit of perfect [illegible] & good will towards all the [illegible]"

Washington.

Wea. TUES. JAN. 21, 1908 Ther.

52°

Partly cloudy, calm, mild.

Took a short walk just after breakfast, calling at a tailor's & at a flower store to order some roses for C. at E. R. S.'s request. Worked on Umbogog M.S. the rest of forenoon. To Dr. Allen's at 1.30. He filled a front tooth. Started for Brookland at 2 P.M. Reached there about 2.30. Found Mr. & Mrs. Ridgway at home & spent more than an hour with them. Saw a ♂ Cardinal & a Carolina Chickadee in their grounds & one more of each species on way way there. On my way back noted a straggling flight of roosting Crows of both species - not many perhaps 100 in all.

Wea. WEDNESDAY 22 Ther.

Clear with light N. E. wind. Almost oppressively warm in forenoon; cooler at evening.

Worked on Umbogog M.S. most of forenoon. Visited Dr. Allen's office at 10.30 to have a filling smoothed off. C. & I had for lunch a Quail that Jim Nelson sent us. I took another to Henry at 2.30. His intestinal trouble is no better & he is fast breaking down nervously. I went with him to Dr. Tavern's at 3.30 spending about an hour there. Worked again on the M.S. after my return. C. began a new story this eve, "Lord Cammerlinghe's Secret"

Washington.

Wea. THUR. JAN. 23, 1908 Ther.

Snowing heavily all the afternoon, most of it melting as it struck but about an inch covering the ground by nightfall. A raw dismal day with violent winds.

C. went to church at 11 but I did not set foot out of doors all day. Through the forenoon & the latter part of the afternoon I worked on Mahogany M.S. reading old matter & writing a little new. Henry called at 3.30 blaging about an hour. He had seen Farrow who thought him better. C. read aloud from "Lord Cavendish's Secret" in the evening.

Wea. FRIDAY 24 Ther. 24°

Clear with strong N.W. winds. Colder. Ground covered 1 in. deep with snow. Streets & sidewalks icy & very slippery. Began writing letters after breakfast when Henry telephoned that he was feeling much worse, that he going to his niece's in Watertown & that he needed my help. I first went down town & bought his tickets for the Fitchburg Ry. in. wrote. After lunch I went to the Orchards & packed his trunk. Merriam called to say good bye to him. At 4.10 I went to see him in a cab to the station, checked his trunk & saw him off at 5.35 Fitchburg R.R. train. The snow took possession.

Washington.

Wea. SAT. JAN. 25, 1908 Ther.

Clear, calm, mild. Snow wasting rapidly the streets & sidewalks bare & dry by forenoon but the Canvas still white.

Spent forenoon in hotel lobby writing letters. C. & I went to Belasco Theatre after lunch to see the "Great Divide", a good melodrama well acted. It was over about five o'clock when we reached home. Sufficient time to dress & dine & book. It was like an April evening & the southern alley was flooded with delicately tinted shades. C. went out after dinner.

Wea. SUNDAY 26 Ther.

Cloudy, calm, mild.

Merriam, his daughter Lenaudey Fisher, Nelson, Chapman, Shiras & I spent the forenoon together at the Zoo where we were taken about by Dr. Baker & one of his assistants. I enjoyed it exceedingly. I heard a Bay Lynx "meow" much like a house cat, only louder. We got back at noon. Jim Malone passing through the city from Boston to a wedding called with Arthur Robbins at 1.30. He stayed an hour. I went to Dr. Elkins at 3 P.M. He kept me over two hours waiting to see him & then let me go. I went out to Georgetown at 5.30

Washington.

Wea. MON. JAN. 27, 1908 Ther.

Clear with high, cold N. W. wind
Ther. above freezing point most of day.
To Dr. Allen's at 9.45. He worked on my plate about an hour and I wore it most of the day but did not eat with it. Worked on Umbagog M. S. & letters from 11 to 1 and from 3 to 6.45. C. & I took a short walk after lunch. Later I went to the Ontario to get something to send Henry. He writes that he has decided to go to Bethel. Nelson called at 8 P. M. & we went to the Cosmos together. S'ew Fisher, Osgood, Pinchot, S'tiles & Howell there.

Wea. TUESDAY 28 Ther.

Partly cloudy with chilly, variable winds chiefly northerly.
To Dr. Allen's at 8.30. He worked awhile on my new plate. I got back at 10. John Nichols, my old schoolmate, called & spent an hour. Then I worked about an hour on M. S.
Just after lunch I went to the Ontario & packed Henry's tuxedo suit & Prince Albert suit to send to him at Watertown. Paid a second visit to Dr. Allen's office at 4.45. C. began a new book of detection stories this evening.

Washington.

Wea. WED. JAN. 29, 1908 Ther.

Clear with brisk & cool yet not cold N. W. wind. Ther. 34° at sunset.
To Dr. Allen's at 9.40. He merely filed my plate a little. Worked on Umbagog M. S. from 10.45 to 12.30 when I started for Harvey's where I met Nelson by appointment. C. was to have gone with me but she had neuralgia. Nelson & I lunched on roast oysters & apple pie. He talked chiefly about Alaska. I got back to the Gordon at 2 & worked from 3 to 6.30 at [illegible]. C. recovered from the [illegible] after dinner.

Wea. THURSDAY 30 Ther.

17°
Clear & cold with light N. W. wind 28°
To Dr. Allen's at 9.45. He worked on my plate about 15 minutes & then dismissed me. Returning to the Gordon I worked on Umbagog M. S. until lunch time. At 2 I went to the drug store opposite the Arlington to register a letter to Mackintire. Worked from 3 to 5 on the M. S. Spent the next two hours with C. who read about part of the time then and again in the evening. She has not been out for three days because of neuralgia.

Washington.

Wea. FRI. JAN. 31, 1908 Ther. 16°

Forenoon clear, afternoon cloudy. 28°
Cold but without wind

Spent entire day in hotel writing on Umbagog M.S. in the lobby down stairs from 10 a.m. to 1 P.M and from 3 P.M. to 5:30 P.M.
C. spent the day in bed on account of her neuralgia which, however, is better rather than worse. The guests at the Gordon are an uninteresting lot, I am on speaking terms with only two of them & C.'s position is the same.

Wea. SAT. FEB. 1 Ther.

Cloudy with light rain, mild. About 2 inches of snow fell last night. The rain carried off most of it to-day.
I worked on Umbagog M.S. most of day spending however, two or three hours with C. who kept in her bed and taking a short walk at evening. The sidewalks were wet & slushy but most of the snow had disappeared. Horses were slipping badly on the asphalt. The clouds were breaking in the west and the air was cooler than at noon.

Washington.

Wea. SUN. FEB. 2, 1908 Ther. 24°

Clear & cold with high N.W. wind
Walked to Arlington drug store & to St. John's church just after breakfast on errand for C. She was up & dressed to-day but not out of doors. I wrote letters, morning & afternoon, in hotel lobby. Miss Ferguson dined with us at 7 and spent evening. I escorted her to Shoreham at 10.
Where not snow covered the grass still shows green despite recent cold. The streets & sidewalks are bare but icy in a few places.

Wea. MONDAY 3 Ther.

Clear, calm, warmer 38 max.
Spent most of day in hotel lobby working on Umbagog M.S. To Dr. Allen's at 1.30. He filled my plate some more. Returning took C. for a short walk, the first time she has been out for over a week.
To the Cosmos at 8.30 staying until 10. Talked with Nelson, Fisher, Osgood, Knowlton, Baker, Swarts and Hopkins. The rooms were filled. Everybody eats sandwiches & drinks beer or lemonade. The men wear anything they please & only a very few attended in evening dress.

Washington

Wea. TUES. FEB. 4, 1908 Ther.

Two Fish Crows at the Gordon this morning are perched on its cupola.

Clear & cooler with easterly winds. An interrupted day. At 9.30 I went to F. St. to get a concert ticket for C.; at 10 to the Shoreham to take Miss Gregerson to Nat. Museum & Smith Sonian, where we spent two hours; at 1.30 to Dr. Allen, where I had my plate tinkered some more; at 3.30 to the auction room on G. St. to show C. a fine collection of Japanese walls of art; at 4 to the Ontario where I packed a muffler, handkerchiefs etc to send to Henry. C. read to me after dinner

Wea. WEDNESDAY 5 Ther.

20°

Cloudy, cold, snowing all day covering the ground to a depth of 4 or 5 inches by nightful. For the first time since I came the footfalls of horses on the asphalt are not heard in our rooms.

Spent most of day in hotel lobby working on Umbagog M.S. Walked to the Treasury after breakfast and went by cars to 11th St. and back after lunch buying their novels at Brentano's & some paper. C. had a heavy fall this forenoon while on her way to see Sally Dearborn who arrived at the Hamilton last evening.

Washington.

Wea. THUR. FEB. 6, 1908 Ther.

46°

Cloudless, calm, mild. Nearly six inches of snow at sunrise. The warm air & clear sun wasted it rapidly & sidewalks & crossings were everywhere bare before sunset.

Spent forenoon in hotel lobby working on Umbagog matter. Walked to Columbia Theatre after lunch to buy tickets to Saturday Matinée. On way back saw Purple Grackle, fine ad. ♂, perfectly typical, in Lafayette Park. It was low down in elm & I within 20 ft. It finally flew off Hearty. C. did not leave our rooms to-day. [illegible] until 10.15. [illegible] lobby & had a [illegible] talk.

Wea. FRIDAY 7 Ther.

26°

Clear; cooler; fresh N.W. wind. 38°

Two Crows cawing near the Gordon at sunrise this morning. House Sparrows thronging the parks & becoming noisy, of late.

Spent most of day in hotel lobby working on the Umbagog introduction. I am trying to describe the lake, its coves, its marshes etc. concisely yet entertainingly, a difficult task.

C. & I walked to the former store on 14th St. just after lunch. She read aloud to me this evening from the "Broken Road", a capital story

Washington

Wea. SAT. FEB. 8, 1908 Ther.

34°

Clear & cool with light N.W. wind

Spent most of day in hotel lobby working at my usual task. Walked to the Riggs' Bank after breakfast to get a gold coin and to the Columbia Theater with C. after lunch. She met Sally Dearborn there. They saw Gilbert Parker's "Right of Way" and thought it good. I came back to the Gordon to work stopping by the way at the 14 St. flower store to order roses & carnations for the morrow. C. read to me this evening for an hour as usual.

Wea. SUNDAY 9 Ther.

15°

Clear, calm, cold. 28°

Thirteenth anniversary of my wedding.

To early service at St. Johns at 8 a.m. with C. We had a brick walk after that. Spent remainder of day in hotel reading & writing letters. Nelson & Sally Dearborn dined with us at 7 P.M. Sally departed at 8.15 but Nelson stayed until 10.30. He talked about his adventures in Alaska & Mexico. C. & I gave each other $10 gold pieces. Walter & Morgan sent us white roses. I bought red roses & carnations.

Washington.

Wea. MON. FEB. 10, 1908 Ther.

Saw a Burnard Sailing on Gordon.

Cloudy, calm, mild. Streets stoppy, sidewalks dry.

Spent most of day in hotel lobby working on Umbagog introduction. To Dr. Allen's at 4.40. He advises me to abandon my plate & have "bridges" made, which I shall do. On my way back met Dick Dana. We took a rather long walk together. He is here for a few days only to see the President. Spent evening at Cosmos. Talked with Osgood, Nelson & Ross & Evermann.

Wea. TUESDAY 11 Ther.

Cloudy, calm, mild. Snow melting but slowly. Lawns still thinly snow covered.

To Dr. Allen at 9.45. He began work on my bridge, keeping me about an hour. Returning worked until 1 on Umbagog M.S. At 2.15 C. & I walked to auction rooms on G. St. to look at Oriental rugs, some of them very handsome. Thence by car to Capitol where we took seats in Senate gallery. C. stayed there until 5.30, I only half an hour when I visited the House gallery & then returned to Gordon to write for two hours more. C. read the Brown Road [illegible] 7 [illegible].

Washington.

Wea. WED. FEB. 12, 1908 Ther.

Cloudy, calm, mild.

To Dr. Allen at 10.10. He worked on my bridge for nearly two hours. Before going to his office I visited Columbia Theatre and bought two tickets for matinée, next Saturday. On the way back I looked in at the rug auction but made no bids. Spent afternoon in hotel lobby working on Umbagog M.S. C took a long walk. [illegible] the Broken Road this evening [illegible] the Beloved Vagabond.

Wea. THURSDAY 13 Ther.

Raining most of day. Calm, mild.

To Dr. Allen at 11.30. He worked until 4 on my bridge. I spent most of afternoon in hotel lobby working on Umbagog M.S. Went out for a walk at 5.30 visiting the flower stores on Conn. Ave. where I bought a pan of hyacinths and one of primroses for one room & the Arlington drug store where I got a valentine for C. Madeline called at 8 & stayed until 10 P.M. We sat in hotel reading room

Washington.

Wea. FRI. FEB. 14, 1908 Ther.

Cloudy, calm, mild. Misty with fine rain, also, at intervals.

Spent forenoon in hotel lobby copying and amplifying notes made at Balleside last August. To Dr. Allen at 1.45. He worked on one of my teeth about half-an-hour. Returning I sat with C. about an hour and then went to the lobby to resume my writing. C. did not go out all day. She read to me in the evening from the "Beloved Vagabond", a charming story.

Wea. SATURDAY 15 Ther.

Forenoon cloudy with heavy showers. Afternoon sunny. Very warm.

Spent forenoon in hotel lobby working on Umbagog introduction.

C. & I went to Columbia Theatre in afternoon to see "Prince Chap", a capital play, movingly human and very well acted. There was a good audience. We walked to & from the theatre. The afternoon was warm & springlike. After our return at 5 I worked another hour in the lobby. C. read Beloved Vagabond in evening

Washington

Wea. SUN. FEB. 16, 1908 Ther.

Colder. Morning clear; afternoon cloudy; Snowing at 9 P.M.

To Dr. Allen at 10 A.M. He put in my "bridge" a tedious & painful operation consuming over two hours. On the way to his office I saw 4 ♂ Grackles, all quiscula, on the ground in Lafayette Park. C. heard a Cardinal singing near the Gordon at 8 A.M.

C. & I walked to the Sawtelles on N. St. at 4.30. We met there General & Mrs. Sawtelle, their daughter Laura, Mr. & Mrs. Deland & another lady. We stayed an hour & had afternoon tea. I heard a Cardinal chirping near the British Legation house.

Wea. MONDAY 17. Ther. 38°.

Saw a Crow Blackbird & a Fish Crow near the Gordon

Clear with harsh N.W. wind

To Dr. Allen's at 11. He did a little final work on my bridge and handed me his bill the total amount of which was only $124. Yet I have had something over thirty sittings!

To the Ontario after lunch to pick up things Henry wants. I could not find all of them so sent nothing. Returning worked for 2 hours on Umbogog matter. C. had a doctor for her neuralgia which is worse. I spent evening at Genesee. Talked with Nelson, Fishers, Osgood & Clark of Chicago

Washington.

Wea. TUES. FEB. 18, 1908 Ther.

Clear & rather cold with fresh N.W. wind

Took a short walk after breakfast visiting the auction rooms on 3. St. where another large collection of Japanese things is about to be sold.

Spent remainder of day in our hotel working on Umbogog introduction in the lobby most of the time.

C. went to a concert with Lady Dearborn in afternoon. We finished the "Beloved Vagabond" this evening

Wea. WEDNESDAY 19 Ther.

Heard a Grackle near the Gordon

Cloudy. About 2 in. of snow fell last night. It rained steadily all day & by evening the snow was nearly all gone.

To Dr. Allen's at 9.15. He ground down my bridge a little. I am beginning to eat with it. Spent most of day in hotel lobby writing on Umbogog int. but went out a second time at 2 P.M. to buy tickets for C. to a concert next Tuesday and to Saturday Matinée at Belasco Theatre. C. stayed in all day. She began reading a "Son of the People" to me this evening

Washington.

Wea. THUR. FEB. 20, 1908 Ther.

Clear & cooler with brisk N. W. wind.

Spent forenoon in hotel lobby working on Umbagog introduction. Took a walk with C. just after lunch, just to 14th St. flower store where we bought roses to send to the Sewtilles, whose only son has just died, next across the park to 11th St. finally to the Hamilton where I left C. to make a call on Sally Dearborn. Returning I wrote until 6 o'clock. We dined at I as usual. C. read a "Son of the People" after dinner.

Wea. FRIDAY 21 Ther.

Partly cloudy; chilly; wind W.

Took a walk up Conn. Ave. with C. just after breakfast. Called at Antique Store where I bought a brass candle sconce for $4. Saw 8 Parfh Marks in parlt. Work on Umbagog M.S. in lobby from 10.30 to 1 & from 4 to 6. Called at Dr. Allen's office at 2 P. M. for last time. Thence to Boston Store where I bought [illegible] for C. Sally Dearborn called at 3 P. M. C. read to me from a "Son of the People" in the evening.

Washington.

Wea. SAT. FEB. 22, 1908 Ther.

Saw a 8 Cardinal near the Gordon.

Clear & rather cold with fresh N. wind.

Spent forenoon in hotel. Wrote in lobby from 9 to 10.20 when Nelson came. I took him to our rooms where we sat with C. until lunch which Nelson took with us. He left about 2 when I walked with C. to the Belasco where she met Sally Dearborn & with her saw the Ben Greet players in their Hawthorne play. I returned to the hotel & wrote for 2 hours when Dorothy Mannone called. I entertained her until C. [illegible]. C. read to me from a Son of the People after dinner.

Wea. SUNDAY 23 Ther.

Cloudy & chilly. About 2 in. of snow fell last night. Most of it melted [illegible].

I wrote letters in the lobby through forenoon. At 2.30 C. & I started by Willey cab for the Postnee to call on Nelson. We spent an hour in his rooms looking at photographs etc. He has many beautiful & artistic things. Started back at 4 P. M. walking all the way to the Gordon, & stopping at the Hamilton to see Sally D. I worked a little on my M.S. before dinner. C. read aloud in the evening as usual.

Cambridge - Boston.

Wea. FRI. FEB. 28, 1908 Ther.

Clear & cold with brisk N. wind.
I have taken a room at Mrs. Cummings' 74 Buckingham Street. Spent day at my museum unpacking trunks, writing a few letters etc. Most of the Garden covered thinly with dry snow. Street bare but dry, sidewalks bare & dry. Saw no birds to day. Called at the Scudders this evening seeing Mrs. S. Miss Thompson, Mrs. Hunt and Mrs. Hillhouse.

Wea. SATURDAY 29 Ther. 16°

Clear and cold with fresh N. W. winds. To Museum at 8.30, thence to Boston at 9.30. Spent most of day in our Office where I saw Mackintosh & my cousin Brandon. Mr. Jarvis came down from Concord to talk over forming plans. Called on W. A. Jeffries in his Office about noon. Lunched at Bunch O'Grapes. Bought some [illegible] & books & got back to Museum at 4 P.M. Returned to the Cummings' at 5.45.

Cambridge.

Wea. SUN. MARCH 1, 1908 Ther.

Cloudy. Snowing fitfully after dark. A raw, dismal day.
Spent forenoon in Museum writing letters. Dined at the Almys' with Mr. & Mrs., Mary, Betty and Cabot. Almy sails for England next Tuesday.
Returned to Museum at 5 and went to Mrs. Scudder's to tea at 6.30. Mrs. S., Mrs. Hunt, Mrs. Hillhouse & Miss Kirkbridge & Ingersoll Bowditch there. Mrs. Pomfelli & her daughter Mrs. Smyth came in later.

Wea. MONDAY 2 Ther.

Cloudy with drizzle of rain. Chilly. Ground snow-covered to depth of 2 1/2 inches this morning.
Spent day in Museum writing letters, filing bills etc.
A Chickadee calling phoebe in the Garden this morning.
Whitcomb's men began work on our house about 10 A.M. We are to have Living's room remodeled & a new chamber for C. built at N.E. corner of house. To N.O.C. meeting at Geo Deane's this eve. I. Dwight there

Cambridge

Wea. TUES. MARCH 3, 1908 Ther.

Partly cloudy; cooler. Wind N.E.
Spent day in Museum getting Umbagog notes & M.S. in order for further work on this slow moving book. No callers. A Nuthatch, 2 Chickadees & a Crow visited the Garden. The Nuthatch gave an Spring call twice. Green tips of crocus shoots about an inch out of ground. Chas. Almy sailed for England at 10 a.m.
Called on Mrs. Cobb & Dorothy Fuller Answers

Wea. WEDNESDAY 4 Ther.

Clear with light N.E. wind. Warmer. Snow & ice wasting slowly.
Spent day in Museum working on Umbagog notes and M.S. A Downy Woodpecker & Chickadees visited the suet in the catalpa tree. Heard Aaron caving. C. went to New York yesterday. Whitcombs carpenters put a roof over the huggerwagger tower today & the masons began. Called on our new neighbors the Fairchilds at 8.30 staying one hour.

Heard the spring song 7 a. Scruds out at 10 p.m.

Cambridge.

Wea. THUR. MARCH 5, 1908 Ther.

Clear, calm, warmer, the snow and ice melting rapidly and the streets and sidewalks covered in places with slush or water.
Spent day in Museum working on Umbagog notes. Gilbert went to Concord to help Jones clear one orchard of brown tail nests. He was also instructed to direct Benson where to put some wood that was to be hauled from Rickhill place. Two Chickadees at the suet.
Spent evening at Mrs. Scudder's.

Wea. FRIDAY 6 Ther.

Cloudy & intensely chilly with E. wind. Snowing most of the afternoon but less than an inch had fallen by evening.
Spent day in Museum working on Umbagog notes, Gilbert helping me rather efficiently by pasting a lot of separate ones on large sheets. No one called except Pierce who came to see about some tree work on the lindens. I saw on birds in the Garden Room two Chickadees & a Brown Creeper. Called on the Chapman's this evening.

Cambridge - Boston.

Wea. SAT. MARCH 7, 1908 Ther.

Partly cloudy in forenoon; afternoon sunny. Much warmer. Snow & ice melting fast.

To Boston at 9.30 A.M. Met John Thomas of Lynn in our office. He has applied for the position of gardener on our place. I liked him. Forbush met me at 10.30 at the office to talk over game legislation. I called at Jeffries' office but he had just gone. Got out at 3.30 & wrote some letters in Museum. Asked to dine with Morgan & Walter D. but declined. Bought some books in town.

Wea. SUNDAY 8 Ther.

Cloudy, calm, mild. Light rain at evening.

Spent forenoon in Museum writing letters. There again from 4-5.30 P.M. Dined at the Scudders' at 1.30 with Mrs. Scudder, Mrs. Hunt, Mrs. Hillhouse and Miss Una Clark. The last named introduced me to her fiancé, Mr. Hunt, who came for her at 3.45. I took tea at the Cobbs' with Mrs. Cobb, Irving Fuller, Mrs. Moffatt & Austin White. Stayed until 9.30.

Cambridge.

Wea. MON. MARCH 9, 1908 Ther.

Cloudy calm, mild. The ground bare over most of lawn & garden.

Spent day in Museum. A ♀ Canada Nuthatch, 3 Chickadees & a ♂ Downy visited the suet. Gilbert & I cleared out Walter's room, running compelling. Whitcomb's men are to begin laying an oak floor there to-morrow. I worked a little on Umbagog M.S. & wrote a few letters. Dined at Batchelder's at 6.30 with Jeffries, Bangs, Beer, Eustis, W. Deane & F. H. Allen. Council meeting afterwards lasting until 11. We met to deal with M.S. Abstract of Proceedings prepared by Townsend & Flora Allen.

Wea. TUESDAY 10 Ther.

12°

Clear & cold with high N.W. wind, 26°

Spent day in Museum working on Umbagog M.S. Purdie called at 5 P.M. staying about an hour. I spent the evening at my boarding house playing several games of checkers with Mrs. Freeman and going to bed early.

F. Wicker * on Buckingham St. 8.30.

Cambridge

Wea. WED. MARCH 11, 1908 Ther.

Cloudy & mild with S. W. wind. At day break this morning I heard the love call of a Screech Owl given four times somewhere near the house.

Spent day in Museum working on Umbagog introduction. No callers. Saw a Brown Creeper & four Chickadees in the Garden.

Called on Margie Dean & on the Coolidges this evening.

Wea. THURSDAY 12 Ther.

Clear, calm, still warmer. A very Springlike day 56

Spent day in Museum working on Umbagog introduction. Gelbins went to Concord to cut off brown tail nests at Farm. He saw 4 Bluebirds there. I saw 2 Song Sparrows in our garden. About a dozen snow drops in bloom in front of the Museum. Batchelder reports a Robin in full song at his place. I went in town at 8 P.M. to call on Frank & Margaret & the Billings

A Robin called in our garden on Wed.

Farfour noted big rush of Bluebirds, Redwing & Song Sp. at Lexington

Cambridge - Boston - Concord.

Wea. FRI. MARCH 13, 1908 Ther.

Sunny but hazy, mild. 52°

Spent forenoon in Museum writing letters. Batchy called. To Mus. Comp. Zool. at 2.30. Saw Henshaw, Faxon & Bigelow. Jeffries called with draft of petition for amendment to Dutcher's bill now pending at State House. It is to better provide for legalizing scientific collecting. I walked back to my rooms at 4.45.

No birds in garden to-day. Went to walk after dinner & to bed at 8.30

Wea. SATURDAY 14 Ther.

Clear, calm, very warm for season

To Museum at 8.30. John Thomas came at 9. to see me & the plans. Will Jeffries sent petition which I signed. A Song Sparrow in Garden. Flicker shouting on Buckingham St. at sunrise & Screech Owl giving love calls just before daybreak. To Boston at 10.30. Spent two hours at office. Saw Dr. Muckland there. [illegible] & [illegible] 4.30 [illegible] [illegible] met me at [illegible]. [illegible] [illegible] roads [illegible] muddy. [illegible]

Concord - Cambridge.

Wea. SUN. MARCH 15, 1908 Ther.

Partly cloudy. Rain in late P.M. & thunder shower at evening. Very warm with violent S.W. wind. When I awoke at daybreak Song Sparrows were singing all about the house. Heard Robin in first long later. Bluebirds calling but not singing.

Went to Ball's Hill in forenoon. The river open but some fields of ice on meadows. Coventry alive with Song Sparrows & Robins. Saw numbers of Red-wings & Rusties & one Phoebe near the river. Blacked a Partridge. Snow gone everywhere but some ice in meadows. Spent afternoon in house hanging pictures etc.

Wea. MONDAY 16 Ther.

Brilliantly clear with strong N.W. wind; Much cooler. Ground frozen at sunrise. Spent forenoon at farm. Pat came down to talk over spring work. Jaws & I put up some bird houses. Robins singing in early morn. Took of about 12 Jurors about our old boxes. Drove to station at 12.40. The ice all gone from river meadows. Saw a Marsh Hawk there. Reached Cambridge at 2 P.M. Went to Museum & wrote letters. Pierce & 3 men at work on lumbers.

1 Browned Grass in Garden 3 P.M.
2 Yellow Oxeyes in bloom - Museum

Wea. TUES. MARCH 17, 1908 Ther.

Cloudy & intensely chilly. Snowing at P.M. about 2 inches on ground by night.

Spent day in Museum working on Umbagog M.S. No callers save Carl Larsen who came at 5 P.M. I had a long talk with him & explained why I do not care to employ him again. John Thomas, too, is no longer to be considered for Mr. Currier writes unfavorably of him.

A Song Sparrow singing in Garden.

Dined at Mrs. Sneddon at 6.30 with the family, Miss Thompson & Sam Hinshaw.

Screech Owl singing at 10 P.M.

Wea. WEDNESDAY 18 Ther.

Stormy with rain, sleet & snow. Intensely chilly S.E. wind.

Spent forenoon in Museum packing trunks & rearranging things.

To Boston at 2 P.M. Called at Leonards to look at Oriental rugs and met J.C. McVin at office. He consulted me about inscription on monument to his brother's memory. Called on Dimick but missed him. Got back at 5:45. Attended Council meeting N.O.C. at Bateley's 7:30 - 11 P.M.

Cambridge – Concord.

Wea. THUR. MARCH 19, 1908 Ther.

Forenoon [illegible] afternoon Sunny. Calm. [illegible] warmer.

Spent day in [illegible], writing letters, packing, putting things in order for the move to Concord to [illegible]. Song Sparrow & a Chickadee [illegible] in the garden.

Called on Col T. W. Higginson at 8 P.M. to consult him about the inscription on Jim Melvin's memorial tablet. Called on Mrs. J. B. Thayer at 8.45.

Wea. FRIDAY 20 Ther.

Sunny but hazy. Cold with harsh N. W. wind.

Gilbert & I went to Concord with "Bally" by 9.04 train from No. Cambridge. Jaunes met us at Concord.

We reached Am farm about 11. The roads in bad condition, rutted & frozen. Pat worked in wood shed all P.M. I took two short walks. Waldo Forbes called. Also Harry Richardson, Song Sparrows, Robins & Golden Crest, [illegible]

Concord.

Wea. SAT. MARCH 21, 1908 Ther. 10°

Brilliantly clear with little or no wind. Warm at noon when I saw Honey Bees flying about our woodpile.

Spent day on farm. H. P. Richardson came with her mere to clear our cellar trees of gypsy & brown tail nests. Pat & Benson hauling wood from [illegible] place. [illegible] & [illegible] [illegible] [illegible] & [illegible] [illegible] nests. Walked to Holden Hill on [illegible] Purdie [illegible] at 7 to [illegible] Sunday. Saw pair Bluebirds & 2 Song [illegible].

Wea. SUNDAY 22 Ther. 20°

Sunny but hazy. Violent S. W. wind. Ground hard frozen as furnace, deep with mud as [illegible].

Purdie & I walked to Balls & Davis Hills in forenoon. Saw a ♂ Marsh Hawk & a flock of 55 ♂ Red wings in Benson's [illegible]. Started a hen Partridge on Pine Ridge a pair of Wood Ducks [illegible] [illegible] at N. end Lewis Hill. Heard [illegible] 1 Song Sparrow & no Bluebirds. Purdie & I spent evening in parlor [illegible] talking over old [illegible].

Concord - Boston.

Wea. MON. MARCH 23, 1908 Ther.

Cloudy with light rain in P.M. very mild. Wind S.W. Frost nearly out of roads. Fields brown & sere. Big flight of Robins & Song Sparrows. Purdie, Gilbert & I went to Boston by 8.09 train returning by 1.51 train. At our office I saw Henry Hinshaw, Miss Magrath & Harry Cunningham. Harry & I called on Mr. Burnett to discuss the Shaw trust matter. Henry & I saw Dennis in his office. The two Hinsys (Purdie & Hinshaw) lunched with me at Young's.

Wea. TUESDAY 24 Ther.

Clear & mild with fresh W. wind. Spent day with James cutting off brown tail nests from apple trees on farm & Ritchie place. Took short walk with Purdie after breakfast. He has bad cold & I spent most of day in house. At evening I took a walk alone through the Berry Pastures & lower Benson's lane. Returning walked a Partridge budding in poplars, Birch Fields. Heard two Fox Sparrows singing long more. Lots of Song Sparrows & a flock of Juncos about the place.

Fifth Butterfly - a large brown one. Saw [illegible] of birds [illegible]

Concord.

Wea. WED. MARCH 25, 1908 Ther.

22°
38°

Clear & cold with strong N.W. wind. Those who went out described [illegible] weather as "wintrish". I stayed in the house all day, having a lame back apparently due at least in part to an acute attack of rheumatism. Purdie has a bad cold but he went to Birch Fields Swamp in P.M. seeing no birds. I wrote letters, cleared out desks etc. I had arranged to go to Mr. Dunn dinner at Joe Goodale's & was sorry to miss it.

Wea. THURSDAY 26 Ther.

22°
46°

Partly cloudy. Violent S.W. wind. Early morning cold. Most of day warm. Sat by the fire until 10.30 when I got Pat & began making a clearing in the Barrett Run on west side of road to Ritchie place. In the afternoon James helped & the work was finished by 4.30. I took little part in it for my back is still very lame. Purdie used up too. He stayed in house most of day but took short walk with me in A.M. At sunset we went to the poplars in Birch Fields but found no Partridges there.

Concord. Boston.

Wea. FRI. MARCH 27, 1908 Ther.

70° max

Sunny most of day; calm; very warm
Purdee, Gilbert & I took 8.09
train from Concord to Arlington.
Gilbert & I spent about an hour
at Museum. 4 Fox Sparrows, a Song
Sparrow, a Tree Sparrow & 2 Robins in Garden
New Tower room roofed & shingled.
Peirce has finished polishing Cinders.
Went in town at 11.30. Mackintosh
& I visited Safety barrels. Saw Harry C.
near. Gilbert & I returned to Concord
by 1.57 train. Walked through Berry
pasture on wing. Lots of birds about.

Wea. SATURDAY 28 Ther.

Forenoon cloudy, light rain at noon;
afternoon sunny. Very warm all day.
Spent forenoon with Pat clearing
up & burning brush along new road
south of peach orchard. Worked
near house after dinner. At 4 P.M.
went to swamp below orchard. One
Hyla peeping feebly & hundreds of
Wood Frogs croaking & at this amount
in pond more than half covered with
ice. First Tree Swallow. A Phoebe
singing near house 2 P.M. Fox Sparrow
in full song 10 A.M.

Arrival - Tree Swallow.

Concord

Wea. SUN. MARCH 29, 1908 Ther.

Cloudy with N.E. wind and light,
steady rain from 9 A.M. to 3 P.M.
Sam. Henshaw & his friends Mr. & Mrs.
Thomas Barbour came last evening to
spent Sunday here. We started for a
walk after breakfast but were driven
back by the rain & spent forenoon in
the parlor. [illegible]. At 3.30 P.M. we
started out again & walked to Bolls' Hill
where we spent an hour by an open fire
in the old cabin. Visited Davis Hill on
way back. Full chorus of Hylas in Davis
Swamp at 5 P.M.

Wea. MONDAY 30 Ther.

Brilliantly clear with strong N.W.
wind. Cooler. Ground frozen at sunrise.
Henshaw & the Barbours left me
this morning. I spent the whole
day working with Pat on the
new road near the peach orchard.
We cut down & burnt a lot of brush
Wood Frogs croaking nearly all day
& many Hylas peeping at sunset.
Heard a Dove coming for first time
this evening in woods W. of our
Berry Pasture.

Carolina Dove arriving.

Concord.

Wea. TUES. MARCH 31, 1908 Ther.

Cloudy & cool with strong S.W. wind. Spent day working with Pat among the cedars at the foot of our lane. We cut out & burnt a great number of young pines. Barry drove a large Woodchuck into a wall & with a little assistance from Pat & me dragged it out & killed it. It took of about 60 Juncos & 4 Fox Sparrows about house. Saw a 3 Coopers Hawk. Walked to Birch Field at evening.

Wea. WED. APRIL 1 Ther.

Brilliantly clear with warm sun but cold N.E. wind.

Working with Pat & Elmer all day at the foot of our lane. James pruned the peach & plum trees. Only a very few birds about & but little song except from the Bluebirds which were singing more freely about sunset than I have heard them before this year. I walked through the Berry Pasture at evening. C. started for Fond du Lac this morning I suppose.

Concord

Wea. THUR. APRIL 2, 1908 Ther.

Forenoon cloudy; afternoon clear. Ground snow covered to depth of 2 inches early this morning & white in places at evening.

Spent day in house writing letters & making out cheques for bills. 4 Fox Sparrows & a dozen or more Juncos with 2 or 3 Song Sparrows & Chickadees were under the dining room windows most of the day picking up hemp seed. I walked at evening to Birch & Green Fields with Barry. Saw a few Robins. James went to W Newton to look at a horse.

Wea. FRIDAY 3 Ther.

24°

Clear & cold with high N.W. wind. Ground frozen hard at 8 A.M.

Spent day working with Pat & Elmer. In the forenoon we worked on the road through the cedars below the peach orchard. In the afternoon we cut out a new road on south side of Barrett Run. Richardson called. 24 Juncos & 7 Fox Sparrows feeding on seed put out under dining r. windows. 28 Robins eating barberries in front of house at sunset.

Concord.

Wea. SAT. APRIL 4, 1908 Ther.

16° min
34° max

Brilliantly clear with raging N.W. winds. Bitter cold

Spent day working with James, Pat, Elmer, Benson & Peter in the woods at N.E. corner Ritchie place. Although sheltered & sunny there it was as cold as an average January day. I wore a sweater & an overcoat & kept in constant exercise yet was chilly at times. The only bird heard singing was a Fox Sparrow. Daily started a Woodcock, near me in the Ritchie run & a Rabbit that ran against my leg as it passed.

Wea. SUNDAY 5 Ther.

16°
40°

Forenoon clear & calm. Afternoon cloudy with fresh S.W. wind. Warm.

Called on Mr. Howe after breakfast. He & his daughter were thrown from their buggy on Thursday but not much hurt.

Next went over the land where Abbott Lawrence's pine woods & Everett Mason's big chestnuts stood. The trees have all been cut since last summer & the ground is littered with their brownies. Mr. Jewett of Newton brought up his boy horse Duke for us to try arriving about 11.

I spent afternoon in woods near Pulpit Rock. Four water pipes frozen & burst to-day

Concord.

Wea. MON. APRIL 6, 1908 Ther.

Cloudless with fresh W. wind. Warm. A delightful spring day, keenly enjoyed.

Spent day at Balls' Hill. Richardson there with six men fighting brown tails. They cleared the oaks near the cabins. Pat with me all day raking & burning leaves. James & Elmer there all A.M. with the new horse hauling wood. Two Pied bill Grebes calling, (2) Black Ducks flying about, (2) Red-shoul. Hawks soaring & screaming. Flock of (50) + Fox Sparrows along river path. Walked back at evening via Holden's Hill.

Wea. TUESDAY 7 Ther.

Chiefly cloudy with light W. wind. Very warm.

Spent most of day working in the lane with Pat & Elmer planting boxwood bushes, Eldors & hemlocks. Tried the horse "Duke" in a buggy just after dinner. He started off lame. Gilbert then drove him Concord & back. I walked to Birch Field & Pulpit Rock at evening. A good many birds about the farm but nothing new. Wood Frogs & Hylas in full way. Heard a Meadowlark

Telegram from C. S. K. S. has been at Bay Bay Bay

Fuse Leopard Frogs swimming Lots of Wood Frogs & Hylas

Wood Frogs in Lexington Wood Mill

Concord

Wea. WED. APRIL 8, 1908 Ther.

Cloudy with intensely chilly N.E. wind and light rain in P.M.

Spent forenoon transplanting barberry bushes from Ritchie place to new road below peach orchard, Pat & Elmer doing most of the work. Wrote letters in afternoon, Hopkins the mason working all day on cistern recementing it. Sent the horse "Duke" to Mc. Manuss stable at 4.30. The Bedford veterinary examined it this morning & says it has a bad case of "dropped sole". Hence I have declined to buy it. Telegram from

Heard Fox Sparrow singing for us other [illegible]

Wea. THURSDAY 9 Ther.

40 mor.

Brilliantly clear with violent, cold N.W. wind.

Spent entire day working on new wood road from Ritchie place through Barrett woods to the Spring. Pat and Emil helped me. James worked in P.M. We went through nearly to the Spring. The road follows an ancient cart path. Nearly the whole way. No birds singing soon in early morning. Telegram from C. to Tony Lowry is better

Heard Hermit Thrush whining

Concord, Cambridge, Boston

Wea. FRI. APRIL 10, 1908 Ther.

Forenoon clear with light W. wind. Afternoon cloudy with strong S.W. wind. Light rain at evening. Warmer to-day arrival. Field Sparrow 1.*

Spent day working with the men. We transplanted cedars, ground junipers & two large black spruces which have been in the nursery since 1892. We also rearranged things in the barn & elsewhere. Benson & his man worked on the stone walls along the road. Telegram from C. in P.M. Woodcock peeping in Berry pasture at eve.

Gilbert saw over 400 Crow Blackbirds on Naskawtuck Hill

Wea. SATURDAY 11 Ther.

Forenoon cloudy calm mild with light showers. Afternoon clear & cooler with a gale of wind from N.W.

To Cambridge with Gilbert by 8.09 train from Concord. Spent an hour at Museum, Saw Talsey & Bill Cliffe. The new tower room finished outside. Wonderful show of squills, crocuses etc. in front of Museum. To Boston at 10.30. Signed quarterly cheques & talked with Austin White about talking Ritchie house again. To N.O.C. council meeting at Bolchey's at 3 P.M. Took 5.05 train Arlington to Concord.

2 Robins & 8 Cedar Birds in the Garden

Concord

Wea. SUN. APRIL 12, 1908 Ther.

Clear & cold with the N. W. wind blowing a living gale from sunrise to dark completely silencing the birds. I did not hear one sing although the sun shone brightly all day.

Went to Bolls Hill in forenoon via Prescott's Pines & Davis Hill returning over Beaufort. Saw a Ruby Crown Kinglet & heard a Kingfisher, both "arrivals". Wrote letters in P. M. Walked about the farm after sunset wearing sweater & winter overcoat. Hylas peeping nearly despite cold. Red maple in full bloom.

Wea. MONDAY 13 Ther.

Partly cloudy with strong cold N. W. wind, snowing thick & fast for an hour in forenoon.

Spent entire day transplanting cedar and rhodora. The latter I put about the pond. Pat alone worked with me. He is in high spirits & most amusing this spring. Saw very few birds. A Flicker a Robin, a Song Sparrow, a Fox Sparrow & a Grass Finch sang in early morning. No singing through the day or at evening.

Concord, Cambridge, Boston.

Wea. TUES. APRIL 14, 1908 Ther.

23° min

Clear & cool with light S. W. wind.

Gilbert & I took 8.09 train from Concord. Spent forenoon in the museum & garden. Wonderful display squills from museum. 2 Robins & 4 Goldfinches in garden. Lunched with Mrs. Almy, Mary & Billy at 1.30. Went in town at 2 P. M. Spent about 2 hours at our office. Dined at Abbotsford 7 o'clock. To Huntington Av. station at 8.50, to meet C. & E. R. S. who [illegible] by Chicago train. C. [illegible] to Abbotsford with me.

Wea. WEDNESDAY 15 Ther.

Cloudy & mild with rain in P. M.

Had tickets bought & other arrangements made to go to Washington by Co[illegible] Ex. Went to Back Bay station to take this train but gave it up at last moment because [illegible] attack bladder trouble. Went to [illegible] Hale St. & spent day there, sending letters & telegrams to W. to explain non-appearance there.

Dined at Athletic Club [illegible] P. M. [illegible] with C. at Abbotsford [illegible] in [illegible] day. [illegible]

[illegible] – Concords

Wea. THUR. APRIL 16, 1908 Ther. 24°

[illegible]

Wea. FRIDAY 17 Ther. 14°

[illegible]

Wea. SAT. APRIL 18, 1908 Ther.

Cloudy with strong S. W. wind and [illegible]. Much warmer.

[illegible] Carrie at 8.40 & [illegible] plans for a Bath room in [illegible] house. [illegible] & we all went to Balls Hill for a ride. James & Enoch scraped [illegible] & [illegible] leaves. We examined the well dug & blasted last autumn & found [illegible] water [illegible] & [illegible] the [illegible] passing Theirs within 40-50. A fourth flock of blackbirds on Balls Hill.

Wea. SUNDAY 19 Ther.

Partly cloudy with fresh N. W. wind & a few light showers. [illegible]

Spent most of forenoon in house [illegible] smell of burning & smelling out a lot of things that [illegible] suffered from the Chelsea fire. Mr. & Mrs. Benjamin Emerson came at 11 staying about an hour. Wrote letters after dinner & read a long poem in two words, an [illegible] volume. Saw only few birds. A robin singing feebly at evening. March marigold [illegible] in bloom in the one female

Concord.

Wea. MON. APRIL 20, 1908 Ther.

Early morning sunny & calm. Rest of day cloudy & bitterly cold with strong W. wind, & frequent snow squalls.

Worked with Pat all day, about the wild flower gardens & the pond in forenoon, in Birch Field in afternoon. We raked leaves, picked up dead trees & tidied up generally besides planting a few things. Very few birds & those mostly silent after & a.m.

Wea. TUESDAY 21 Ther.

18° at 5 a.m.

Clear & cold with raging N.W. wind. Ground hard frozen & ponds skimmed over.

Spent day at Ball's Hill. James & Gilbert finished painting cabin roofs. Pat & I raked, cut brush & transplanted a few laurels. The wind testified at times & the river covered with white caps. Saw a good heavy birds in sheltered places, but heard only two — a song [illegible] & a [illegible] — sing. It is strange, [illegible] to have [illegible] weather so cold & [illegible] [illegible] [illegible]. Worked [illegible]

Concord.

Wea. WED. APRIL 22, 1908 Ther.

30°
55°

Clear with strong W. wind. Much warmer.

Spent the day working in the lane and new wood road with Pat. We did a variety of things, grading, sodding, sifting earth for flower beds etc. A Partridge drumming near us for hours — on the wall in the Ballet Run.

At evening I strolled through Birch Field to Benson's where I dug a log of Viola pedata & Salina Jenn. A Robert in full song at sunset. Heard nothing else.

Wea. THURSDAY 23 Ther.

Sunny & hot with S.W. wind. 80° at 2 P.M.

Thunder showers in distance at evening.

Spent day with Pat planting things about the pond. Lots of fish rising & one a young shiner, lying dead on shore. Saw a Newt swimming in the pond. Birds singing freely. Noted for first time 3 White-[illegible] Sparrows, a Chippy, a Purple Finch, a Broad-wing Hawk, a [illegible] Heron. The last heard flying over [illegible] pt. at 7 P.M. A little earlier heard two [illegible] [illegible] [illegible] of [illegible] Pasture [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Cont'd

Wea. FRI. APRIL 24, 1908 Ther.

Cloudless with cool E. wind.
Arrivals, Black-throated Green W., 1♂; Solitary Vireo 1♂; Parkmanites, 4; Junco, 1♂, Sapsucker, ♀ad; Bittern 1♂.
Spent most of day at pond working with Paul. Heard 3 shots in direction of Horsebridge Hill at 4.15 & learned upon reaching home that hen hawks had been molested but they of course on the nest. Visited Cabin & spent half an hour in Pine Park. Dale & Knowlton dined. Waldo Forbes came down to see me in forenoon.
Blood root in full bloom on farm.

Wea. SATURDAY 25 Ther.

Cloudy with soft, moist S.W. wind. A little sunshine in P. M.
Spent day transplanting hemlocks & mountain laurels, chiefly to the borders of the new roadway behind the school. Saw a good many birds. A small wood Brown Thrasher, 1 Yellow Throat & small Vesper Warbler 1♂. Baltimore Orio. 8 Golden Winged Warblers 1♂ " " 10 " " Black & White Creepers 1♂ " " 10 " " Hermit Thrushes. Looking over Fletcher's notes I learn that from Feb. of last year, and on over that this morning

Wea. SUN. APRIL 26, 1908 Ther.

Cloudless with fresh W. wind. Hot. 85° max.
Mr. Loverett & Will & Alice Stone came from Boston by the morning train. We left the farm at 11 and walked to Balls Hill where we dined in the Cabin. Walked back via Holden's Hill. Then went to the Spring & Brick Field where we sported on horse or mare. After supper went to the hand where we saw dozens of glow worms. Crickets & Hylas singing a great concert.
No fresh arrivals noted to-day. Birds scarce.

Wea. MONDAY 27 Ther.

Sunny & warm with light S.E. wind.
Mrs. Stone & Mr. Loverett left by the morning train. Will & Alice stayed through the day. We spent an hour on the pond working Lonicera [illegible] species. [illegible] season. It was very interesting. Saw lots of people over from Concord. Among them Paul. Saw Sheep [illegible] around house. After dinner went to the [illegible] behind the house. [illegible] day left on the 3 o'clock. Saw a lot of birds. Indigo & Lincoln [illegible] Yellow.

Concord - Cambridge

Wea. TUES. APRIL 28, 1908 Ther.

Cloudy with light E. wind. Mild - Showers last night.

Spent forenoon transplanting things and [illegible] time [illegible] nests, working alone, as Pat has been absent two days. In afternoon put in a brick bee way at head of lane, James & Emil doing most of the work. Arrivals:- Chestnut - Sided Warbler 2 ♂, Purple Martin 1 ♂, Barn Swallow 1 ♀. Spotted Sandpiper 1 at [illegible] pond.

Wea. WEDNESDAY 29 Ther.

Clear & warm with light W. wind.

Gilbert & I came to Cambridge by 8.09 train. I spent day at Museum, lunching at Dunster Café with C. At 6 P. M. called on [illegible]. Blackwell & the Austin Winter. At 7 I was at [illegible]. The We Dine [illegible] there [illegible] present except Bolshevik who is ill. We celebrated Wallie's 60th birthday with cake & candles, gifts & poetry, by Kand. Spent night at the Always.

Wea. THUR. APRIL 30, 1908 Ther.

Heavy rain 9 P. M. to midnight & later. Sunny with clouds gathering [illegible] P. M. Warm with light E. wind. 2 Chimney Swifts at Ball's Hill [illegible] the first noted by me this year. Spent forenoon at Museum. Wallie spent an hour there looking up references. Salvation Army agent called to solicit money for building. I subscribed $100. Lunched at Dunster Café & took 2.08 train to W. Bedford. Gilbert ferried me across. We are to be at the cabin for a few days. I walked to farm at 7.30 & talked with C. on telephone. She is still at the Abbotsford.

Wea. FRI. MAY 1 Ther.

Clear with violent W. wind. Very cool at evening.

Arrival Wilsons Thrush 1, Ball's Hill Sw.

Pat has been absent since Saturday. He appeared at cabin this morning looking ill & complaining of a lame back. I rowed him across the river & walked up the track with him nearly to Cemetery Brook to get a lot of punks & bird foot violets. Took them to farm in P. M. & planted them along the new road. Birds silent & seemingly scarce. The harsh wind drove them to cover no doubt.

First Shad bush blossoms.

Concord - Boston.

Wea. SAT. MAY 2, 1908 Ther.

Variable 32°

Forenoon cold with high, harsh W. wind. Then succession thunder showers between noon & 2 P.M. After that warmer weather with sunshine: Spent forenoon at Ball's Hill. Worked at various small tasks. Dug two pink azaleas & took them to farm after dinner planting them by pond. The Arestin Whites came at 3.40 & took over Ritchie place. I drove them back to Concord & we all took 4.20 train for Boston. I spent night at Abbotsford. Robin singing in parkways in front of hotel.

2 Bats in mud, [illegible]

Wea. SUNDAY 3 Ther.

32° at Concord.

Cloudy & cold, with strong raw N.W. wind & occasional brief showers.

C. & I went to Trinity Church at 10.30. After lunch called on Stones. Purdie dropped in when we were there. Drove to Hotel Victoria where C. & I had dinner.

Spent afternoon at Athletic Club. At 5 o'clock saw Houdini do wonderful things in the Club gymnasium. It was crowded. Sat next Frank Manning. Met C. at Bearax at 6. We dined there. Spent evening in her rooms at Abbotsford.

Boston - Concord

Wea. MON. MAY 4, 1908 Ther.

32° at noon.

Sunny most of day. Warm with light W. wind. Breakfast at Abbotsford. Took 8.51 train to W. Bedford. Pat met me & fished me across river. Changed clothes & went back to get some Vetchia Cesca. At 11 Jones & Gilbert came with the horse Betty & we drove to the farm. Worked at Pond until 3.30 when Will Stone & H.A. Purdie arrived to spend the week with me. We worked to Birch Field before supper. Liberated 3 goldfish bought in Boston in our little pond.

3 brown bats & 1 gray one in chest.

King bird arrives

Wea. TUESDAY 5 Ther.

36°

Brilliantly clear with light N. wind.

Purdie, Stone & I were out all the forenoon, working to Ball's Hill via Holden's Hill & returning via Davis Hill. Birds scattered about & not numerous. Heard first Yellow Warbler (at farm). Shot Hare Sparrow at farm & another at Ritchie place, both females. Heard Brown Creeper in full song on Davis Hill. Spent P.M. writing letters. Jim Melvin came at 3.30 & stayed an hour. Purdie Stone & I went to Berry pasture just before & just after supper.

Pine Warbler collecting [illegible] at Ball's Hill

Concord.

Wea. WED. MAY 6, 1908 Ther.

Morning sunny; afternoon cloudy. Cool with fresh E. wind.

Will Stone & I went to Ball's Hill this morning via Holden's Hill returning the same way. Saw very few birds. Caught ten turtles in Howe's meadows & liberated them in our pond. Purdie & Stone took a drive after dinner. Later I went with them up the Bigelow road. Its beauty is utterly ruined.

6 Bats in Shed to-day. Shed back full blown

Wea. THURSDAY 7 Ther.

Cloudy & cold with strong N. E. wind. Raining steadily from 2 P.M. into the night.

Spent forenoon cutting out young birches among red pines at Retelin place. Cut three large birches for bars.

Purdie & Stone drove Betty to Carlisle to be shod. At 1.30, we then started to walk to Ball's Hill. It began raining by the time we reached Holden's Hill & we turned back. I saw almost no birds to-day & heard hinging only once, a song sparrow.

Concord.

Wea. FRI. MAY 8, 1908 Ther.

Cloudy with light N. E. wind & a little misty rain. The rain last night was very heavy & the brooks are swollen by it to-day.

Will Stone & I worked about the farm this forenoon kerosening caterpillar nests. We started a Whippoorwill in birches just below peach orchard & saw 3 Black Ducks flying over Pulpit Rock woods low down. In P.M. Will, Purdie & I went to Ball's Hill via Holden's Hill returning via Brooks. Mixed of bowlers on farm. Fan [illegible] elsewhere.

Wea. SATURDAY 9 Ther.

Clearing with frequent showers. Wind W. Rather cool.

First Nashville Warbler 3 ♂

Will Stone & Purdie returned to Boston this morning. I spent forenoon on the farm transplanting a few things & shooting a House Sparrow. Wrote letters in P.M.

Mr. & Mrs. C. F. Batchelder & Will Jeffries came at evening to spend Sunday.

Concord - Cambridge

Wea. SUN. MAY 10, 1908 Ther.

Cloudy with occasional sunshine & showery bytes showers. Strong cold N. W. wind.

The Batchelders, Will Jeffries & I spent forenoon on woods, rambling in direction of Boots Hill which we reached about noon. We cleared out cabin & came back via Holden Hill at 4.30 P.M. Mr. & Mrs. E. Emerson called & we all had afternoon tea together on porch & farm house.

Heard Wood Thrush ♂ sing, Maryland Yellow-throat ♂ Boots Hill

Wea. MONDAY 11 Ther. 75° max.

Cloudy & warm with light W. wind

Arrivals Bal. Oriole ♂ ♀. Bobolink ♂ ♀ Concord

The Batchelders, Will Jeffries & I left our farm on 7.45 and drove to Concord.

I took the 8.09 train for Cambridge where I spent the day in Museum & Garden. Arranged about specimens & representing of Rudolph Ave. Harvard interviewed Mrs. Appleton for the place of gardener. Neither seemed very promising.

a Yellow Warbler ♂, a Chippy ♂, a Robin, a Grackle, a ♀ Tanager & a Chewink in Garden.

Went to Brookline at 6 & spent night at.

Cambridge - Boston - Concord.

Wea. TUES. MAY 12, 1908 Ther.

Clear & very warm. Fresh S. W. Warm all last night

Rose Br. Gros. 1 ♂. Hh. thr. Sparrow 12+ C. Sp. Batchelders place

In our garden Wilson's Th. 1, Swainson's T. 1, Robins 2, Blk & W. Creeper ♂ ♀, Nashville W. ♂, Uxma W. 2 ♂ 1 ♀, Yellow W. ♂, Blk thr. Blue W. ♂ ♀, Bl. thr. Green ♂ ♂, Yellow Rump, ♂ ♀, Blk & Yellow ♂, Chestnut Sides 3 ♂, Down Bird 12+ Water Thrush ♂ ♂. Maryland Yl. thr. ♂ ♂ ♀, Redstart ♂. White thr. Sp. 12+, Chippy 1, Crow ♂ Sparrow (2), Whole place alive with birds.

Spent night at Batchelders. Walked up at 9 & spent forenoon at home. To Boston on 12.30. Lunched with C. at Delft Rooms. Afternoon fine drive in Public Gardens. To office at 3 Dr. Minkland came back 4.30 train & W. Bed. & spent night at Concord

Wea. WEDNESDAY 13 Ther.

Clear & warm. Fresh W. wind changing to S. in afternoon.

Arrivals L. mourning 2 ♂ ♂ D. discolor 1 ♂ (farm) V. olivaceus 2 ♂, V. flavifrons 1 ♂, Piranga 2 ♂ ♂, R. Gr. Grosbeak 3 ♂ ♂ 1 ♀, Yellow bird Cuckoo 1, Black-throat Warbler 1 ♂ (Boots Hill), Crested Flycatcher 1 (farm) 1 Pine Ridge.

Walked in farm at 8 A.M. & spent forenoon there. At Boots Hill through afternoon.

Plenty of birds but they were scattered about. Good singing all day.

Concord.

Wea. THUR. MAY 14, 1908 Ther.

North east storm with heavy rain in A. M. P. M. calm with bright sunshine after 40' clock. Went to farm after breakfast & dined there. Spent forenoon clearing out the box stall in old barn & rearranging the things stored there. Will Stone arrived at 3.30. We went to cabin for the night. Paddled up river at 5 P. M. Lots of swallows skimming low. Dr. Chamberlain called while we were gone. Saw a Rabbit within 20 yards of cabin just after supper. Wood Thrush singing near cabin at clay bank.

20 Bats in shed.

Wea. FRIDAY 15 Ther.

Cloudy most of day with light easterly winds. Cool. Calm at sunset. Arrival Canadian Warbler 2 ♂. Will Stone & I walked to Holden's Hill & Davis Hill after breakfast. We went to the farm in the afternoon. Birds fairly numerous but scattered. A Wood Thrush singing near cabin, a Brown Creeper on Davis Hill. Mr. Clinton, a friend of Roland Thaxter, called at 5 P. M. He collected a lot of Brown [illegible] for Thaxter to [illegible]

24 Bats in shed.

Concord

Wea. SAT. MAY 16, 1908 Ther.

Brilliantly clear. Forenoon dead calm. S. E. changing to S. W. wind in afternoon. Had five men working all day on well house near cabin. They carried up the walls [illegible] the roof, hung the doors etc. I got a short walk with Will Stone after breakfast. He departed at 3 P. M. Three ladies, school teachers from Cambridge, landed at noon & lunched in the woods. I walked to farm after supper. Apple tree stall in blown but pass this prime. Only a few migrants about & nothing new among them.

Wea. SUNDAY 17 Ther.

Clear & warm with light S. W. wind. Arrival Bicknell's Thrush 1 B. H. (No other northern migrants seen to-day). Spent forenoon at Bass Hill. Pal came down & I laid out some work for him. Mr. & Mrs. Austin White & Mr. & Mrs. Charles K. Lamb arrived at 12.30 & dined at the cabin. I went to farm & Ritchie place with them after dinner. It was heavenly there with the apple trees in just blown. Walked back alone about 6 O'clock through a world of beauty.

24 Bats in shed.

Concord, Cambridge - Boston - Concord

Wea. MON. MAY 18, 1908 Ther.

Clear & warm with light S. E. wind. Gilbert & I took 8.13 train he to Boston, I to Cambridge. I spent forenoon at Museum where I met James McMillan by appointment & engaged him to work for us to begin June 1. Went in town at 12.15 called for C. at Abbotsford & lunched with her at Delft rooms. Went to our office at 3 & saw Mackintosh & signed our Estate assessment. Met Purdie on State St. Returned to Cabin by 4.37 train. Walked to Holden's Hill after supper.

Wea. TUESDAY 19 Ther.

Clear & warm with fresh S. W. wind. No migrants noted. The flight seems over yet no Black-polls have passed as yet. Ladies slippers in bloom on Ball's Hill. Apple blossoms falling.

Spent day at Ball's Hill. James, George & Pat worked at the new well house cementing the walls & those of the well & concreting the floor. It was a good days work finished at 4.30

I walked to farm after supper. Wood Thrush singing ~~the~~ Partridge drumming in Rain. Scarlet Oriol walking in elm near house.

Concord

Wea. WED. MAY 20, 1908 Ther.

Cloudy & oppressively sultry with light easterly winds.

Arrivals Wood Peewee 1 ✱ Dan's Hill
Black poll W. 1 ✱ The farm.

Spent forenoon with Pat working in woods behind Ball's Hill. Went to Dan's Hill to pose the Brown Anpers west on the big pine with a pole but no bird came out & I could find none in the woods there. Fished for an hour catching one perch. We moved to the farm in P.M. taking up a Bream caught by Gilbert. Birds song well all day.

Wea. THURSDAY 21 Ther.

Forenoon sunny & hot. Afternoon. Cloudy with fine rain after 3.30. Light easterly winds.

Spent day working in flower garden with Pat & George. It had not been touched before this year & was very weedy & shabby looking. Mr. & Mrs. Melvin called at 3 P.M. with two friends. They had their automobile. Waldo Forbes came at 5 P.M. & we took a walk in the woods. Heard a strange cry in Barrett run many times an ah-oo-ah very like human voice.

Concord.

Wea. FRI. MAY 22, 1908 Ther.

Cloudy with light easterly winds & some fine mist-like rain. Birds sang glorious all day long. They were very numerous about the farm house but I noted only one migrant, a black poll. Spent most of day in flower garden working with Pat & George. Our task was publicly furnished by night. Hosmer & three men worked all day on the shop getting it ready for the Whites to occupy. Gibbs spent day at cabins putting them in order. Fine roses. Ladies slippers in full bloom.

Wea. SATURDAY 23 Ther.

Forenoon cloudy & misty. Afternoon clear. Heavy rain last night. Warm. Indigo Bird seen for first time. Spent most of day winding the wild gardens with Pat & George. A young man named Sawyer from Concord drove into the round road to Ritchie place & left his horse there. We put it in the barn.

The Loads in the water & walking a great rasket this evening. I heard the quail like Gall from the pond at & Pall. Green but once.

Concord.

Wea. SUN. MAY 24, 1908 Ther. 80°

Clear with light W. wind. Walked to Ritchie place after breakfast & called on Mrs. White. After that wrote letters until 11.30 when the Melvins arrived in their automobile bringing their friend Mr. Downward. We dined together at cabins. They took me to Wayside Inn in P. M. On way back we saw five Foxes, an old she & four pups 1/2 grown, nosing about in meadow within 100 yds. of road in Nine Acre Corner. Got back at 5.30. Walked about farm till 6.

Wea. MONDAY 25 Ther.

Clear with cool E. wind.
Black & Yellow Warb. 3 (2 ✱) Bonnet Rim
Black-poll " 1 ✱
To Birch Field and back up the run just after breakfast. Birds numerous & singing well. Evidently a small migratory wave arrived last night. Spent most of day working in the apple orchard with James. We pruned several grafted trees & destroyed a lot of caterpillar nests.

Concord.

Wea. TUES. MAY 26, 1908 Ther.

87°

Clear & warm with fresh S. W. wind.
A perfect May day.
Water Thrush the only northern mig noted.
A long walk just after breakfast, through Prescotts pine, over Davis Hill, around Balls Hill & Holden's Hill back by Ritchie place. Birds numerous & singing freely.
Spent remainder of day working with Pat in Barrett Run. He began a ditch which I hope will drain the swamp. Two Wood Thrushes singing there.

Wea. WEDNESDAY 27 Ther.

Clear & warmer still with fresh W. wind.
No northern migrants noted.
Spent most of day with Pat who worked on the new drainage ditch in Barrett Run. At 11 I went to Balls Hill expecting to meet Mr. Clinton, the brown tail expect them but he did not come.
In the evening called at the Flowers and on Mrs. White.
Mosquitos very bad.

Concord.

Wea. THUR. MAY 28, 1908 Ther.

Cloudy & cool with strong N. E. wind and fine, mist-like rain at eve.
A large Gray-cheek Thrush seen & a Black poll Warbler heard were the only northern migrants noted by me to-day.
Spent entire day with Pat. working on the new drainage ditch in Barrett Run. I am adding a little pond & two waterfalls to make it attractive.
Two Wood Thrushes singing all day.
Saw a Red Squirrel try to rob at Yellow Thrush. Vireo's nest in elm by barn but the birds & I together drove him off.

Wea. FRIDAY 29 Ther.

Forenoon cloudy; afternoon sunny.
Warmer with fresh S. W. wind.
Worked all day on the drainage ditch in Barrett Run with Pat.
In afternoon James joined us & we put in drain pipe & two dams for waterfalls. [illegible]
a Very Sang nearly all day.
The Red Squirrel appeared near an old barn this evening. He was evidently looking for nests I shot him.
The Yellow Thr. Vireos nest had the bird on after this so it is all right

Concord.

Wea. SAT. MAY 30, 1908 Ther.

Cloudy with N. E. wind and light rain after 12 M. Early morning sultry. Afternoon cool. No migrants noted since the 28th. As it was Decoration Day my men did no serious work. James planted some dahlias & Montbretias for me just after breakfast. Later I called at the Whites' & then wrote letters. In the late afternoon walked to Birch Field & Prescott pines. Superb show of ladies, slippers near Pulpit Rock. Bayberries in nearly full bloom.

Wea. SUNDAY 31 Ther.

Clear & warm with fresh W. wind. No northern birds since May 28. Spent forenoon at farm. Pat came to be paid off & to see about some more wood work to be done after I am gone. I went about with James & talked over things. In afternoon walked through the woods via Prescott pines to Davis Hill where the [illegible] have been almost completely stripped by brown tails, to Ball's Hill where mosquitos swarmed, to Holden's Hill still green & fresh, to Dolkin's Hill where I spent half an hour with the House [illegible]

Concord - Cambridge - Boston, Ipswich

Wea. MON. JUNE 1, 1908 Ther.

Partly cloudy with brief showeries. Cooler. Gilbert & I, with Barry, left Concord by 8.09 train. I spent day at Museum. James McMillan, the new gardener, was on hand & I spent some time instructing him in his duties. The Garden is very beautiful with the [illegible] [illegible] At Robin in full song, a Yellow Warbler singing at intervals, a Chippy do. A Red-eyed Vireo do. a Wailing Vireo heard towards Hubbard Park, an Oriole & a Yellow-billed Cuckoo were all [illegible] except the swarming House Sparrows. The elms were sprayed to day.

1 Chimney Swift at wing

Went in town at 5.30 [illegible] at Cambridge

Wea. TUESDAY 2 Ther.

Clear & cool with light W. wind. Robin 1.*. Red-eye 1.*. Yellow W. 1.*. Buckingham St. 6 a.m. Robin 1.*, Yellow W. 1.*, Red-eye 1.*, Chippy 1.*, Indigo Bird 1.*, Oriole 1.*. Black-bill Cuckoo 1.*

Spent forenoon in Museum writing letters. Went in town at 12.30 lunched with C. at North Station. We took 1.40 train to Ipswich where we saw a Pomeranian puppy & the fine old house built in 1632 near the Station. Back to Boston at 7 to dine with C. at the Bluebox. Put to Cambridge for the night

Cambridge - Boston.

Wea. WED. JUNE 3, 1908 Ther.

Clear & cool with light W. wind.
Spent day at Museum lunching at Mrs. Sanders. Moved my things into my old room there from Mrs. Bonaventure's (where I have slept two nights) in late P.M. Walter Deane called on me at the Museum at 4 P.M. Staying nearly an hour. I spent the evening at the Russells where I saw Joe & his Sam Joe.

Wea. THURSDAY 4 Ther.

Partly cloudy with frequent brief showers. Just pleasantly warm.
An im. ♂ Redstart in full song and a Pine Siskin calling, appeared in the Garden this morning.
Spent day at Museum & in Garden. Patsy's men calling down two large dead trees in the jungle, a white ash and mulberry, planted by me in 1887. Went in town at 12.30 & lunched with C. at Deftt restaurant at 1, came back to Museum at 2.

Cambridge, Acton - Boston - Cambridge

Wea. FRI. JUNE 5, 1908 Ther.

Clear & cool with fresh N.E. wind.
To Concord Junction by 9 A.M. train. Drove thence to Weatherbee's Mills to look at a bay horse for farm. Bought him for $265. of W. C. Robbins who is to deliver him in a few days. Returned to Boston by 12.23 train. Spent most of P.M. at our office. Dined at Athletic Club at 7. At 8 P.M. went to Twentieth Century Rooms to attend meeting N.E. Bot Club. About 30 members present. Capital talk by Fernald. Got home to the Sanders at 12.

Wea. SATURDAY 6 Ther.

Clear & cool with light easterly winds.
Spent day in Museum writing letters & cheques for bills. Batchelder called at 9.30 and we spent an hour comparing his series of Hairy Woodpeckers from Newfoundland with specimens in my collection from other regions. It is evident that the Newfoundland bird is a good subspecies & he will describe it. C. came out at 2 P.M. & spent three hours in the house which she has not seen before for many months. The new tower room & Lorry's rooms are nearly furnished & she is delighted with them.

Wea. SUN. JUNE 7, 1908 Ther.

Wea. MONDAY 8 Ther.

Clear & hot with light Nt. wind.
Spent day in Museum packing & writing letters. A Robin, a Red eye Vireo, a Yellow Warbler & a Chippy singing in Garden. Yellow heard twice, very plainly, the rattle of a Kingfisher evidently flying over our place. At Mrs. Snedders, on Bowlingham St., I hear daily a Robin, a Yellow Warbler, a Chippy, a Red eye & an Arch. No Grosbeaks or Redstarts anywhere this year. A Warbling Vireo in Hubbard Park.

Cambridge - Bethel.

Wea. TUES. JUNE 9, 1908 Ther.

93° max

Clear & intensely hot with light S. W. wind.
Took 9 A. M. train, Eastern Div., for Bethel. Our engine broke down at Biddeford where we were stalled for nearly two hours. Reached Portland at 2 & Bethel at 6 P. M. Got nothing to eat save a sandwich & bananas. The heat & dust were stifling. Dr. G. met me at station. I took a room at the Hotel, but dined at the Gehrings & spent evening there. Boardman, Mrs. Wiener & Miss Lock were two only patients whom I had been before.

Wea. WEDNESDAY 10 Ther.

Sunny. [illegible] in afternoon, evening [illegible] cool.
Spent entire day at the Gehrings. Read a book about Lions in Uganda in A. M. The Doctor & I went to Shark in [illegible] & had a smudge to keep off [illegible] & a good talk. Birds singing fairly, with but our common kinds [illegible]. In village named Crossbills & [illegible] in [illegible] feeding at present & a house. Wave in apple orchard. Two Whippoorwills singing at evening.

Bethel - Norway - Portland.

Wea. THUR. JUNE 11, 1908 Ther.

68° max

Parity cloudy. Cool with fresh N. W. wind. Dr. Gehring, Dr. MacBurney, Mr. Boardman & I took 8.45 train to Norway for a day's fishing. Dr. G. & I went out in the [illegible] boat with a Mr. Bicknell as guide. We rowed up the lake about 3 miles. We used the fly exclusively casting close along the rocky shores. Our party caught in all over 100 black bass keeping about 40 the best 3 lbs. My best was 2 1/2 lbs. Bass abundant & hungry fairly well. Saw a pair of Duck Hawks & heard a Pine Warbler. Water [illegible] abundant. Got back to [illegible]

Wea. FRIDAY 12 Ther.

Clear & cool with light W. wind. Left Bethel at 8.45 with Mrs. Gehring. On reaching Portland we went to the Lafayette Hotel where I joined C. who had come on from Boston yesterday. She read aloud to me in afternoon. After dinner she called on Mrs. Gehring. Later in evening Dr. & Mrs. Gerrish called on all of us. Still later C. & I took a walk about the city. Several Night Hawks peeping over the hotel in twilight. They must be breeding on the [illegible] roofs.

Portland.

Wea. SAT. JUNE 13, 1908 Ther.

Cloudless with light S. E. wind. Warmer. C. & I took a trip down the Bay in forenoon by steamer leaving the wharf at 10.30 & returning to it about noon. The boat touched at Emerald, Diamond, Peaks & Long Island. Saw about a dozen adult Herring Gulls & 2 Barn Swallows. Heard a Yellow Warbler singing on one of the islands. Dr. Gehring came from Bethel by the morning train & spent most of afternoon with C. Boardman also came, a pleasant fellow. C. read to me in the evening.

Wea. SUNDAY 14 Ther.

Cloudless but hazy. Cool. Wind E. C. went to early service at the Cathedral. I waited for her outside & came back with her. We breakfasted at 9. At 10.30 we went to St. Stephens, the little Stone Church on Congress St., where there was a beautiful simple service, [illegible] of [illegible] & [illegible] sermon. After we got out we walked [illegible] Stone St. to the [illegible] the [illegible] way. So my mind this is the [illegible] Cedar Street I was saw. At 4.30 P.M. we walked to Wilson Promenade. It was [illegible] [illegible] but too hazy for a good view. C. read to me on the evening

Portland, Cambridge, Wolfeboro.

Wea. MON. JUNE 15, 1908 Ther.

Parly cloudy. Warmer with light S. wind C. & I spent forenoon in the hotel she, however, making a call on Miss Mc. Cobb. We took the 12.20 train for Boston reaching Cambridge at 4.30 and going directly to 145 Brattle St. where we found E. R. S. The house was in order & Mrs. Moyen, a Swiss woman installed as housekeeper with our old servant Julia as maid of all work. Thus we slept in our house again after nearly two years absence

Wea. TUESDAY 16 Ther.

Heavy rain in early morning. Rest of day clear & cool with violent N. W. wind. With Arthur Estabrook took 9 A. M. train for Weirs. Carroll D. Wright joined us at Nashua & John K. Lord at Weirs where the teachers, Ds. & Mrs Monkland joined us. They had had a rough trip across the lake. It was smoothly going boat. Trustees meeting at Academy at 4.30, dinner at Hobbs Green at 6.30. Graduation exercises [illegible] them. [illegible]. Adjourned meeting Trustees in Library 10-12 P. M.

Wolfeboro, Merrimac, Cambridge, Concord

Wea. WED. JUNE 17, 1908 Ther.

Clear & cool with fresh N. W. wind. Took 8.30 A. M. train. Mackintosh went with me as far as Newton. I kept on to Haverell where I took trolley car to Merrimac, Charley Hayes met me there & gave me a [illegible] in the hotel. I then called on [illegible] Henry, [illegible] & Sarah, Warren & Clara Gould & lost on Charley's wife. Returned to Haverell by 2.55 trolley & to Boston by 3.58 train. Got to Cambridge about 5 & spent night in our house.

Wea. THURSDAY 18 Ther.

Clear & warm with light S. W. wind. Talked & I took 9.10 train to W. [illegible] where we crossed the river and spent an hour at Ball's Hill. It was very beautiful about the Cabins but only [illegible] bird, a red eye, was singing on the hill. [illegible] brown [illegible] [illegible] [illegible]. Walked to farm where I [illegible] about most of P. M. Plenty of birds there & most of them singing freely. Fireborsh [illegible] at 6.30 to spend the night. We had a walk before dark & after that a [illegible] long talk in the [illegible]

26 Bats in our bunch in Chad. No [illegible] [illegible] [illegible] [illegible]

Concord - Boston Cambridge

Wea. FRI. JUNE 19, 1908 Ther.

85

Clear & very warm with light S. W. wind. Spent day at farm. Sandesberg came at 9 to see about work at Kitchen house & to repair our range. Pat & George worked all day in our flower garden. I rambled about & also spent much time debating things to cattle to Ann Dorkin next month. Gilbert picking Ann Cider. The two about the house alive with birds. Saw a large & very red Weasel in a stone heap bordering the road. Chipper [illegible] [illegible] [illegible].

Wea. SATURDAY 20 Ther.

Clear & hot with fresh S. W. wind. Gilbert & [illegible] left Concord by 8.09 train. I went to Boston where I called at our office, at Obrion & Russells to arrange about reinsurance, at Safety Vaults with Mackintire to cut off Fish Wharf coupons for Estate, at Millikin's to buy $15.00 worth of tools to take to Glendale for Dan French. To Cambridge at noon C., E. R. S. & I took lunch & tea on piazza. In evening we called on Mrs. Lovens & Mrs. Scudder. I saw the Abbeys also. Walter & Jennifer & Mrs. Russell & then called on [illegible] at 6 P. M.

Cambridge - Glendale.

Wea. SUN. JUNE 21, 1908 Ther.

Clear & hot with light W. wind. Spent forenoon in Museum writing letters etc. Dined at the Thayers' at 1 P. M. with C., E. R. S., Mrs. Thayer, Mrs. Howland, Miss Irwin & George Simmons. Walked back at 2.30 to pack my things for the Flint to Glendale to morrow. Gilbert came up & helped me. Saw a Kingbird bathing in Ann Ross's fountain. Robins, Cuckoos, a Redegi, a Yellow Ar-bino, a Chippy & a Yellow Warbler singing in Garden.

Wea. MONDAY 22 Ther.

Clear & hot with light S. W. wind. Left Boston at 10.04 A. M. and reached Glendale at 3.30 P. M. Boston & Albany R. R. much improved in every way as compared with last year. No one at station to meet me so started to walk up but James soon came in sight & picked me up. On reaching the Frenchers found the whole family with the Bushes dressing for a reception on Studios lawn. About [illegible] people came, mostly [illegible] from Stockbridge & Lenox. The afternoon was perfect & the [illegible] [illegible] made a pretty sight. Miss Lawrence the [illegible], is staying here

Glendale.

Wea. TUES. JUNE 23, 1908 Ther.

Partly cloudy with light shower at 10 a.m. Cooler with wind from S.E. Cloudy evening.

Spent entire day about the Frenches place. In forenoon went with Dan to his studio on the hillside above spring, where we found Heber at work on a statue of Shoemaker. In afternoon Dan worked on a cement bench in woods behind big studio. A feast of birds song here from a Robin, Wood Thrush, Very Tanager, Wood Pewee etc. We sat on piazza through evening. Hosts of fireflies onto the night sounds - not even a Whippoorwill.

Wea. WEDNESDAY 24 Ther. 90°

Forenoon sunny & intensely warm. Terrific thunder shower in afternoon lasting over two hours (3-5) with crashing volleys of thunder & heavy rain. I do not recall ever witnessing so prolonged & violent a storm before.

Spent most of forenoon writing. Dan began to work on his cement seat in the woods after lunch but he & I were soon driven in by the storm. We remained in the studio during most of it. I saw Robin feeding on the lawn while it was merely at its worst

Glendale.

Wea. THUR. JUNE 25, 1908 Ther.

Clear & cool with high N.W. wind. Spent most of forenoon in the studio reading. Dan departed for Worcester (to see the Hoar Statue unveiled) just after lunch. I worked for a couple of hours with Tom Knight chopping away brush under some large trees near the pasture gate. After that I walked to Mc. Intosh's place. On the way back visited Dan's pine woods across the roading. As usual there were many birds there. Miss Virginia Field took tea with us.

Wea. FRIDAY 26 Ther.

Brilliantly clear with light N. wind. Cool through day & very cool at evening.

Spent most of forenoon in the pine woods across the road. Sat under a tree for a couple of hours writing. In afternoon walked to Hagel's Pond. It has not been much injured as yet by the woodcutters. It seemed fairly alive to-day with Painted Tortoises on logs & swimming about. Started two broods of young Partridges as big as Pigeons. They were less than 50 yards apart. I sat on wild strawberries early. I am returned at 10-30 P.

Glendale – Cambridge

Wea. SAT. JUNE 27, 1908 Ther.

Brilliantly clear with light W. wind. Dan worked all day on the seat in the woods by the big maple. I was with him part of forenoon & also in Studio reading. In P.M. took a solitary walk to & through Mr. Bowker's woods. Two Wood Thrushes & two Blackburnians singing there. Newton Mackintosh opened his house to-day & dined with us this evening. I have been having trouble of a neuralgic or rheumatic kind with my left leg these last three days. The pain is increasing this evening.

Wea. SUNDAY 28 Ther.

Heavy thunder showers 8–9 P.M. 86°.

Clear with light S.W. wind. Warm. My leg pained me intensely all last night. I got no sleep whatever until after sunrise this morning, when I dozed off a few times sitting in a chair in the parlor. I had dressed earlier than this. The dawn was cool & impressively tranquil. Then crows on the [illegible] very near house. Dan & I spent forenoon in Studio arranging some tools I brought him. Miss Barton joined us & played the piano. The Bushes took 11 a.m. train for Boston. I followed them by 1 P.M. train from Stockbridge. Reached Cambridge about 6.30. Fowler Scott [illegible] on [illegible] to hold on [illegible]

Cambridge.

Wea. MON. JUNE 29, 1908 Ther.

Forenoon sunny & warm. Afternoon cloudy with light rain.

Dr. Jewett came to see me at 9.30 A.M. He says I have sciatica. It kept me awake & in terrible pain all last night. He prescribes asperin & orders me to keep very quiet for the present. I spent day in Museum reading & writing a few letters. Took dinner & tea on back piazza with C. & E. R. S. Mrs. Scudder & Lovey Fuller called in the evening. Cus cheery tree loaded with ripe fruit & alive with Cuss Blackbirds & Robins eating it.

Jane's Jaw Kingfisher [illegible] [illegible]

Wea. TUESDAY 30 Ther.

Sunny & oppressively warm. Light thunder shower at 1 P.M.

Dr. Jewett called again at 9.30. He says I now have not only sciatica but shingles also. Yet I had a good long sleep last night & spent to-day in the Museum, writing a number of letters. Heard singing [illegible] Yellow [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Goldfinch and 2 Black bill Cuckoos. The Chess trees were full of Robins. Saw only 4 Swifts last eve.

Cambridge.

Wea. WED. JULY 1, 1908 Ther.

Clear calm, warm. Thunder muttering in P.M. but no rain.

Spent most of day in Museum writing letters & lying on couch reading. Dr. Jewett called at 9.30. My sciatica better but I am still very lame. James & the birds picking cherries. They are the best & most abundant for years. Crows are taking some of them. A big frog which looks like a bull in the little Museum pool. He says nothing.

Wea. THURSDAY 2 Ther.

Oppressively hot.

Forenoon sunny; afternoon cloudy with thunder muttering towards N.W.

Spent day in Museum writing letters & cheques for bills. A Redstart singing in lilacs at 10 a.m. Did not see him. Two Black-bill Cuckoos have haunted the Garden all the season. I found their nest to-day in the lilacs within six feet of where the Yellow bills nested in the Smoke-tree last year. C. H. Watrous of Chester Conn. called at 2 P.M. He has changed but little since 1897.

Cambridge.

Wea. FRI. JULY 3, 1908 Ther.

Forenoon sunny. Late afternoon cloudy with distant thunder. Oppressively warm. Wind W.

Spent day in Museum writing letters and reading. Dr. Jewett called at 9.30. My sciatica & the shingles troublesome again. I had a good deal of pain last night & am very lame to-day. C., E.R.S. & I take all our meals on the back piazza. The garden is swarming with mosquitos & many of them get into the house. Bird song delining daily but Robins, Red eye & Yellow thr. verios sing freely in early morning.

Wea. SATURDAY 4 Ther.

Forenoon sunny. Afternoon cloudy. Heavy thunder shown 1 P.M. lighter one 3 P.M. Oppressively hot all day.

Spent most of day in Museum writing letters & bird notes. Saw a big Green Frog swim under water across the little pond in front of Museum and then attempt to seize a bathing Robin. Birds singing freely up to 10 a.m. Heard Robins, a Red eye, Yellow thrust & Warbling Vireo, a Redstart, Yellow Warbler, Chippy, Black-bill Cuckoo & Downy. C. & E.R.S. read aloud to me after dinner.

Family party of Orioles in Garden

Cambridge.

Wea. SUN. JULY 5, 1908 Ther.

First Lincoln Record.

Clear & hot with light S. W. wind.
Spent forenoon in Museum working on bird notes. C. had arranged a little surprise party to celebrate my birth day. There were only E. R. S. & Sam Henshaw besides C. & me but we had a fine dinner on the back piazza with a big birth day cake and ~~fifty~~ seven candles. Henshaw spent most of afternoon with me in museum. Dr. Jewett called this morning. He says my leg is better but I am stuck out, lame

Wea. MONDAY 6 Ther.
95° max

Clear & warm with fresh W. wind. Less humid than the past few days.
Spent day in Museum working bird notes & reading a good deal. Dr. Jewett called at 9.30. He thinks me better although I had a good deal of pain last night.
E. R. S. left us soon after dinner to take the 5 P. M. boat to Rockland & Mt. Desert where she is to visit Mrs Stokes. James finishing cherries all day. He has picked more than a bushel this season. Purdie spent evening with me

Cambridge.

Wea. TUES. JULY 7, 1908 Ther.
95°

Clear & intensely hot with light W. wind.
Spent day in Museum working bird notes & reading. Dr. Jewett called at 4 P. M. My left leg is still desperately lame but I hobble around the garden over or twice daily.
Robins sing freely in early morning & at evening. I enjoy their music exceedingly. Am reading De Soto's Conquest of Florida, [illegible]

Wea. WEDNESDAY 8 Ther.

Clear with strong N. W. wind. Early morning hot temperature falling during day, evening very cool.
Spent day in Museum. Sulphur [illegible] postmaster & Mrs [illegible] also got together a lot of things [illegible]

Cambridge - Bethel.

Wea. THUR. JULY 9, 1908 Ther.

Clear & cool with light N. W. wind. Left Boston by 9 A.M. train and reached Bethel at 4.30 P.M. Gilbert went to North Station with me as I was too lame to carry my things. The journey gave me little pain. However, I read most of the way. The country beyond Portland is parched by drought as there has been no rain for eight weeks. Shant wing on piazza. The house is full of patients mostly men & nearly all new to me. Dr. McBurney is still here. Broadwoon left yesterday.

Wea. FRIDAY 10 Ther.

Clear & warm with light west wind. Spent forenoon about the house. In afternoon the Doctor & I walked to the Shoals where we sat talking for half an hour or more. It was pretty & restful there. Chickadees & an ad. ♂ Redstart came flitting about us, & I heard a Nashville Warbler give the full song once near at hand. The Doctor has relieved my pain somewhat but my left leg is still very stiff & lame.

Bethel.

Wea. SAT. JULY 11, 1908 Ther.

Clear & intensely hot with strong S. W. wind. Dr. Gehring & I took the 8.45 train for South Paris whence we went by electrics car to Norway. Bicknell met us at the boat house. We went up the Dolls nearly to its head in a power boat & began fishing along the eight shore from Bicknell's boat. The bass would not rise & when we went ashore for lunch at noon we had caught nothing. After lunch I got a fine fish but made a splendid fight & the Doctor caught a small pickerel. We returned to Bethel by the afternoon train.

Wea. SUNDAY 12 Ther.

Cloudless but densely hazy. Oppressively hot with strong S. W. wind. The haze was probably caused by forest fires. We could smell smoke distinctly.

Spent day about house. The usual morning service in the parlor by Doctor & Mrs. Gehring. Among those present was Mrs. John Brooks whom I had not seen since her husband's death. Had a long talk with Megrew after dinner. Few birds singing to-day. Heard a Cuckoo & saw a Hermit. Forest fires raging in various directions. Burnt leaves falling on the lawn this afternoon.

Bethel.

Wea. MON. JULY 13, 1908 Ther.

Clear & hot with fresh S. W. wind. Spent day in and about house going no further away than to the orchard whence, at evening, I heard, in the direction of the Doctor's woods, the songs of at least three Hermit Thrushes and one Swainson's. A Very Kings sang evening near our house. I saw a flock of about a dozen Bronzed Grackles dead past to their evening flying south

Wea. TUESDAY 14 Ther.

Sunny but hazy. Warm. Light thunder shower at 7 P. M. Cooler afterwards.

Spent most of day in house. Walked to Shack in forenoon. At 5 P. M. started for Songs Pond with Dr. G. Road frightfully dusty, fields brown but woods green. Full colony of Martins at farm where we called to get oars & key to boat. It was the same, old scow we have had in former years [illegible] we rowed across to the inlet & [illegible] there a big twin catching only one small fish [illegible]. [illegible]

Bethel

Wea. WED. JULY 15, 1908 Ther.

Clear & cool with high N. W. wind. Went to the Shack in forenoon [illegible]

[illegible]

Wea. THURSDAY 16 Ther.

[illegible]

To the Shack at 10 A. M. After writing there for an hour made entire circuit of the Doctor's woods. Saw family party of Minolittas, five in number. Red eyes singing everywhere. Found fresh body feather of Woodcock in path. One of these birds flushed by Dr. McBurney not far from Shack to-day.

Called on Mrs. Harrick in late P. M. In evening went with Drs. [illegible], Mr. [illegible] & Pruddens to Odeon Hall to hear [illegible]. It was a fable "[illegible]"

Bethel

Wea. FRI. JULY 17, 1908 Ther.

Raining heavily after 5 P.M.

Sunny but hazy. Warmer. Wind W.
Dr. Gehring went to Portland this morning to visit the Megrevos for two days. I went to the Shack at 9.30. Found in path in woods, four Star nosed Moles lying dead near together three within the space of a square yard. All had been hitten in the back by some animal, a Fox, I suspect. Their fur was wet — disheveled on the back but [illegible] & the [illegible] was [illegible]. They were all large specimens but two were young & thick. Walked to post office & stores in P.M. buying a few small things.

Wea. SATURDAY 18 Ther.

Heavy rain all last night with S.W. wind. Clearing weather to-day with W. wind. Warm and oppressively humid.
To the Shack in forenoon, I like to write up my diary & bird notes there. It is a pretty, quiet spot & nearly free from mosquitos now, their reign being about over for this year, at least here.
Walked down town in afternoon to have my hair cut. Robins & Purple Finches singing delightfully in village [illegible] & orchards. We sat out on piazza through evening. Dr. & Mrs. Gehring [illegible]

Bethel.

Wea. SUN. JULY 19, 1908 Ther.

Cloudy & cool with light rain in afternoon. Wind N.E.
Doctor G. & I went to Shack in forenoon & had a good talk there. It was raining a little. A Hermit, a Red-eye, a Cuckoo & a Peabody Bird singing near us.
In afternoon wrote a little & took a long nap. In evening the Doctor gave a lantern slide show in the cellar for Dr. Mc. Bunny, Dr. Pruddens & me. His Egyptian pictures are very fine.

Wea. MONDAY 20 Ther.

Forenoon cloudy; afternoon clear. Cool.
To the Shack at 10 A.M. spending an hour there, writing. The Doctor gave me a "treatment" at 2.15, as usual. At 5 P.M. I walked to the village & bought a pair of rubbers. Saw Alva Coolidge at Rowe's store. He was on his way to Canada to visit his son, [illegible]. She is settled there. He [illegible] very low & thinks it doubtful [illegible] house [illegible] can be launched now.

Bethel.

Wea. TUES. JULY 21, 1908 Ther.

Partly cloudy, Rather warm. light W. wind.
To the Shack at 10 a.m. No one else except the Doctor goes there at this season because of the mosquitos; yet they are not really numerous. The woods are beautiful. I hear Cicadas there now. Bird singing declining fast but Red-eyes & Cuckoos still to be heard at all hours & Thrushes & Peabody birds at evening. A few small mixed flocks of Warblers & Titmice among the older thickets. No signs of any migration from further north as yet.
Walked to the post office in P.M.
Spent most of evening talking with Dr. McBurney

Wea. WEDNESDAY 22 Ther.

Heavy rain all last night & a drizzle this morning. Sun out before noon. Afternoon clear, calm, humid.
Walked down town to Clint. Barker's this forenoon wearing an iron in my left shoe. It seemed to ease the pain in my leg. In the village alone two Warbling Vireos singing in an apple orchard behind the library a House Wren in full song the latter bird doubtless the one I heard last June.
To Shack in late afternoon. Found a man sawing wood there so retreated at once. Dr. Arms of Cleveland dined with us & spent the evening. He dined at Clint's [illegible]

Bethel.

Wea. THUR. JULY 23, 1908 Ther.

Sunny, hot, humid. Distant thunder.
To Clint Barker's, on errand for Dr. G., at 10 a.m. Returned via Chapman & Mason Sts. where I saw a big pitch pine (perhaps planted originally) and a bird house on a barn with a ♀ Martin & some House Sparrows hovering about it. A woman told me that this box had been tenanted by Martins for at least twelve years. She thought there were a number of pairs there this season.
Went to Shack in P.M. Woods dead silent. Saw 4 Redstarts & 2 Magnolia W. bathing in pool

Wea. FRIDAY 24 Ther.

Partly cloudy. Hot & sulky.
Walked to Paradise Hill at 10 a.m. Only a few birds singing, among them two Grass Finches. The recent rains have helped vegetation but the fields are still parched and brown.
To Shack at 5 P.M. No birds singing there but a few Warblers chipping in the dense, midsummer foliage. Martins & Cedar birds calling overhead. Myriads of [illegible] toads everywhere through the woods.
At 9 P.M. heard a Night Heron quark several times. It was constantly flying over Dr. G's place to the [illegible] pond below the Shack.

Bethel

Wea. SAT. JULY 25, 1908 Ther.

Raining lightly but steadily all day. Cool with light southerly winds.

Walked down town after breakfast. Met Alva Coolidge & had a long talk with him. He thinks it would be difficult & expensive to launch the house boat now. The camp at Pine Point is dilapidated & dirty, the Lakeside Hotel ill-kept. All this sounds discouraging.

On my way back called on Al Rowe. Spent most of day reading & writing letters.

Bethel

Wea. MON. JULY 27, 1908 Ther.

Clear & warmer with light W. wind. Heavy thunder showers at 9 & 11.30 P.M.

Walked down town as far as Clint Barker's in forenoon. Went to the Shack about 4.30 P.M., spending an hour there. Woods very serene & beautiful but for the most part silent. Heard a Hermit in distance, a Cuckoo near at hand, Martins & Barn Swallows overhead. Saw a mixed flock of about 15 Warblers but they were restless & I did not overlook & identify any of them. They looked & acted like newly arrived immigrants.

Wea. SUNDAY 26 Ther.

Clear & just pleasantly warm with fresh W. wind.

Usual family services at 9.30 attended by all the patients & friends. After that I walked down the village stand nearly to the railroad. The barrel matter house inhabited only by English Sparrows now. Then [illegible] [illegible] singing in the village [illegible]. The Doctor & I went to the shack in late P.M. & had a good talk [illegible]. About 9 P.M. heard for first time this [illegible] the [illegible] of a Waller [illegible] [illegible].

Wea. TUESDAY 28 Ther.

[illegible] all day. Cooler. Wind S.W.

Walked down village streets to the [illegible] this forenoon. Heard a House [illegible] [illegible] in orchard behind Ceylon [illegible]. It [illegible] on the same bird which [illegible] [illegible] on the opposite (east) side of the [illegible] near the library & in [illegible] above the hotel.

The afternoon spent as usual (?) hot & cold water showering followed by hyp. suggestion & a nap, then up & out again walking to Shack where I stayed about an hour. Singing in the parlor this evening by young lady

Bethel.

Wea. WED. JULY 29, 1908 Ther.

Thunder Shower, midnight

Clear, humid, oppressively warm. Wind S.W.
Spent forenoon writing letters & shopping at Ceylon Rowe's where I bought rubber boots, mocasins, & two thin flannel shirts, all for use at the Lake.
Visited Shack about 5 P.M. Spending nearly an hour there. Crows cawing in distance, Purple Martins, old & young, calling overhead; also barn Swallows & Cedar Birds. A few Warblers chirping in trees. No birds singing here. Red-eyes in fine song all day in Bridge & about our house. They are the only birds I hear now through the warm hours.

Wea. THURSDAY 30 Ther.

Clear with drifting cloud-masses. Excessively sultry - about the hardest day thus far of a hot summer.
Spent most of forenoon writing letters. Walked to post office about noon & got the mail.
Went to the Shack at 5 P.M. and spent an hour there. Two red eyes singing. Found another fresh Kill. Star-nosed Mole in the path. Dead those found on the 17th it had been bitten in the back, no doubt by a Fox.

Bethel - Lakeside.

Wea. FRI. JULY 31, 1908 Ther.

92°.

Clear & hot with fresh W. wind.
To Bethel by Stage (11 A.M. - 6.30 P.M.) enjoyed the ride exceedingly despite the heat. Number of Stag-horn Sumacs by roadside in North Bethel, none beyond - Gray birds cased in Newry above Poplar Tavern. Immense numbers of small birds in Grafton Chiefly Swallows, Chippies, Song Sparrows & Kingbirds. 1000 barn & Barn Swallows in one flock on the wires. 3 ♀ Redwings near Brooks & a ♂ Sparrow Hawk near Shale Lawrence. Woods devastated by recent numbering in many places.

Wea. SAT. AUG. 1 Ther.

Brilliantly clear & deliciously cool with strong N.W. wind.
Hermit Thrush, Winter Wren, Peabody Bird & Song Sparrows singing at daybreak, Goldfinches & Red-eyes well into forenoon.
Spent day about house putting many things in order. Walked twice to Steamer landing. Also Coolidge called to see me in late P.M., coming over from Upton in his new 17 ft. motor boat. The house filled with guests to-night, all [illegible]

Dalle Umbagog.

Wea. SUN. AUG. 2, 1908 Ther.

Cloudless but very smoky. Strong N. W. wind. A Hermit, a Winter Wren, a Robin, a Peabody Bird & a Song Sparrow singing at daybreak. Swallows nearly all gone saw a firm ad Eagle & 4 Gr. Blue Herons. Flying over lake. A flight of 200 Acres said to have passed at sunset.

Spent most of day in house writing letters. Walked twice to Steamer landing where I had my cause corrected. At evening walked to east end Sargent Cove.

Wea. MONDAY 3 Ther.

Clear & cool with fresh N. W. wind. A Hermit, a Robin, a Red eye, a Song Sparrow & a Goldfinch were the only birds I heard singing to-day. Saw a Bald Eagle & a Herring Gull, both adult birds, flying about over lake. Alva came over this morning & worked all day pulling in a canoe landing for me at the Steamer boat house. I was with him for several hours. Will Sargent came after dinner. I walked along the road continued for 1/4 mile in late P. M.

Dalle Umbagog.

Wea. TUES. AUG. 4, 1908 Ther.

Cloudy with a few light showers & light easterly winds.

Spent most of day in house reading & writing a little & talking a good deal with some of the other guests. Took a walk in late P. M. going eastward as far as the deep hollow. Met Mrs. West walking homeward and had an interesting talk with her. Heard a Winter Wren singing fairly well.

Wea. WEDNESDAY 5 Ther.

Cloudy with S. E. wind and frequent heavy showers.

As I was sitting on the piazza this afternoon a fine large Buck with good hornsteel in the velvet ran across the intervals below the house, moving at a slow lope with head & flag carried low. Plunging into the lake he swam across to B. Point [illegible] only his head & horns. He seemed frightened & very tired. Fully 600 Swallows (nearly all Eave Swallows) on the wires in front of house this forenoon. Spent most of day in house. Walked along road eastward in late P. M.

Lake Umbagog.

Wea. THUR. AUG. 6, 1908 Ther. 80°

Partly cloudy, calm, rather sultry. Only about a dozen swallows on the tel. wire to-day. Where has big flock gone. Writing letters most of forenoon. Went out in canoe after dinner, & spent afternoon sailing & paddling about. Saw an adult Eagle two Fish Hawks a Blue Heron, a Kingfisher & a flock 12 Black Ducks flying high. A small mixed flock on B. Point a Pelican & Canada Warbler among them in full song. Fine sunset this evening

Wea. FRIDAY 7 Ther.

Cloudy with steady light rain. Wind S. E. A gloomy rather warm day. Spent forenoon in office talking with Mr. Gilman. Got out my Umbagog M.S. after dinner & tried to do a little work on it but without much success. Walked down to Shawns landing at 3.30 & met there Alvan Coolidge, his wife, daughter & son. Saw 3 Whistlers fly past. I hear Fish Hawks almost daily. Goldfinches in full song. Robins, Peabody Bird & Red eye [illegible] [illegible].

Lake Umbagog.

Wea. SAT. AUG. 8, 1908 Ther.

Chiefly clear with several light thunder showers. Warm. Light, [illegible] winds. Beautiful cloud effects & brilliant [illegible] at night. Spent day on lake with Alvan Coolidge in his new motor boat. Went up to Outlet & down river nearly to [illegible]. Bounded in Tyler Cove, near Black Island & at Downing [illegible]. Saw Dusseen Sargent at his camp. Measured a number of Banks pines. Saw 3 Eagles, 2 Herring Gulls, 4 Blue Herons, Swallows of swallows at Outlet & all [illegible] [illegible]. Got back to Dockerich at 5:30

Wea. SUNDAY 9 Ther.

Clear with drifting clouds. Light N.W. wind. Just comfortably warm. A fine sunset, the lake as well as sky glowing with color. Spent forenoon in room writing letters. Started out in canoe at 4 P.M. Beat up lake as far as Loon Island, landing on ledgy point just beyond to write a brief description of it. Sound all the way back before the dying breeze writing steadily all the while. Saw an Eagle, a Fish Hawk & 2 Herons. Heard first migrants to-night, first spotted Sandpiper flying S. over Dalhousie at 8 P.M., afterwards (11 [illegible] 30. [illegible] a fine Warblers [illegible]

Lake Umbagog.

Wea. MON. AUG. 10, 1908 Ther.

Brilliantly clear & just pleasantly warm with light, steady N. W. wind.

Spent day up the lake with Alva in his motor boat. Landed first at Glaspy Cove where I revisited & remeasured the big canoe birch which is now nearly dead. Landed next at Pine Point & found my camp & landing ground nearly unchanged & unmarred. After lunching there walked to Spellman's Point measuring all the big trees we could find. Deer have thinned the [illegible] & [illegible] all the year. Came [illegible] in late P. M. [illegible] have I [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Wea. TUESDAY 11 Ther.

Cloudy & sultry, Heavy thunder storm in P. M. accompanied by a deluge of rain & hail stones as big a small cherries.

Spent most of day in room copying & expanding field notes on birds & big trees etc. Started out in sailing canoe after dinner but the threatening aspect of the sky drove be back before the storm began. No birds heard singing. Even Goldfinches were silent. A few Barn & Eave Swallows about

Mr. & Mrs. Brown to Belmont Lake to hunt

Lake Umbagog.

Wea. WED. AUG. 12, 1908 Ther.

Sunny, calm, sultry

Spent most of day writing in my canoe on the north side of B Point paddling over shortly after breakfast, returning for dinner, going across again at 2 P. M. It was serene & restful there under the shade of big trees & ledges. In forenoon a Red-shouldered Hawk, screaming loudly, crossed the cove near me. In afternoon I saw a Broad-wing perched on a stub & I Gr. Blue Herons flying about. Long flight of Eave Swallows as sunset. Canada W. singing

Flock 12 Bronzed Grackles [illegible] Bakeriah [illegible] down, S. [illegible]

Wea. THURSDAY 13 Ther.

Partly sunny with two heavy showers. Very warm & exceedingly humid.

Padded over to B Point after breakfast & spent most of forenoon there. Sailed back before a fresh breeze. Spent most of afternoon in the house.

It rained heavily much of the time. There are no mosquitos, black flies nor midges here now, even in the woods. The lake is two feet lower than [illegible]

Lake Umbagog.

Wea. FRI. AUG. 14, 1908 Ther.

Clear with fresh W. winds Cooler.
Alva called at 9 A. M. and took me over to the Mill & back in his motor boat. We picked out some logs for a floating boat house for my canoe. In the afternoon I went over again in my canoe, sailing all the way. Saw 2 Eagles, 2 Herons, a large flock of Crow Blackbirds (in trees behind Lake House) and 2 ad ♂ Hummers. Heard Red & White wing crossbills. Sailed past way back. Saw no ducks of any kind. The hotel nearly full of guests the night.

Wea. SATURDAY 15 Ther.

Brilliantly clear with violent N. W. wind. Pleasantly cool. The lake was so rough I did not go out on it in the forenoon but after dinner I sailed over to the Mill in the little canoe, the first time I have used it in eight years. Found Alva & his two sons working on my floating boat house. Spent afternoon there, Paddled back at 6 P. M. The mountains unusually impressive.

Lake Umbagog.

Wea. SUN. AUG. 16, 1908 Ther.

Brilliantly clear with light S. E. wind. Spent forenoon in my room writing letters. Started out at 3 P. M. in the large canoe. Sailed up to S. end of Great Island & back also running into some of the lateral coves. Saw 2 brown Eagles together in one place & 2 white headed ones in another; a Fish Hawk 2 Blue Herons & a Kingfisher. The Ocean was so steady I lay down in the canoe & made the sheet fast. The mountains stood out in wonderful relief. A fine sunset.

Wea. MONDAY 17 Ther.

Cloudy with light S. E. wind and fine rain in forenoon. Rather warm.
Spent forenoon in my room writing up bird notes. Off in the little canoe for the whole afternoon. Sailed across to the mouth of the Cambridge & skirted the shores there landing on one of the points & making some field notes. Saw 2 Eagles, 3 Fish Hawks, 2 Blue Herons & a Kingfisher but no Ducks. Heard a Pileated Woodpecker. A few Swallows & a Sandpiper flying over lake.

Lake Umbagog.

Wea. TUES. AUG. 18, 1908 Ther.

Brilliantly clear with raging N.W. wind. Cooler. Fine aurora borealis 8-10 P.M.

Spent entire day at my boat house in Upton superintending the completion of a floating boat house for use at Lakeside. Sailed over in early morning and paddled back at evening when the violent wind had nearly died away. The lake & its bordering mountains were exquisitely beautiful. Saw a number of Eagles, Osprey & Herons and seven Whistlers, besides [illegible] Swallows

Wea. WEDNESDAY 19 Ther.

Partly cloudy with showers in P.M.. Violent W. wind.

Spent day at Upton working with Alva & his son Harry on boat house. It was a windy disagreeable day. I sailed over in an little canoe at great speed but had a hard paddle back at evening repaid however, by a thrilling by beautiful sunset & by an [illegible] of Herons, Eagles & Osprys at every time in the Herons. Most of our guests left to-day.

about 20 swallows Harry & Jim / Seven [illegible] going to roost in [illegible] in [illegible]

Lake Umbagog.

Wea. THUR. AUG. 20, 1908 Ther. 5-20 min

Brilliantly clear with raging N.W. wind. Cooler.

Sailed the old gray canoe across to the Mill in Upton this morning. It was exciting for the wind and waves were high. I used my little Flower Sail and fairly flew along! Alva & I worked all day on the big & little boat houses. Saw very few small birds. Alva brought me back to Lakeside in his motor boat at evening. Saw 5 Whistlers or months of river, two of them [illegible] small "floppers" 400 crows going to roost in woods above Peaslee Spring

Wea. FRIDAY 21 Ther.

Cloudless with violent W. wind. Much warmer

Sailed the old gray canoe over to the Mill this morning before a splendid breeze. Paddled back at evening facing a glowing sunset with Herons & Osprys sailing about me and a swarm of Swallows (Chiefly T. bicolor with one Martin) coursing back & forth over the marshes. The wind had died away & the air was very still. Spent day working with Alva & his son Harry on the boat house & float. Saw very few birds there.

Lake Umbagog.

Wea. SAT. AUG. 22, 1908 Ther.

Cloudy with light variable winds and several dashes of rain. Sultry.
Spent day at the Mill working in the [illegible] with Alva & his son. [illegible] it by night. Paddled over & back. Saw a fine adult [illegible] [illegible] on a stub near [illegible] Farm [illegible] & alighted on a pine top near Stony Brook. Alva saw it. He has not seen one before for 7 or 8 years he says.
Saw & heard very many small birds as I was on my way [illegible] fine Wood Ducks (the [illegible] [illegible] passed me within 70 yds.

Wea. SUNDAY 23 Ther.

Cloudless with fresh W. to N.-W. wind. Air cool & bracing.
Spent forenoon in room writing letters. In afternoon paddled up Sunset Cove to head of Great Isl. Landed on island where we found a Black Duck's nest in 1897. Saw 2 Eagles (one a fine adult & a [illegible]) 2 Blue Herons (one [illegible] in water, fishing) an Osprey & 6 Whistlers. Heard 2 Wood Pewees, & saw a flock of Cedar birds of White-wing Crossbills & of Pine Siskins. The latter & mountains [illegible] beautiful [illegible] [illegible] [illegible]

[illegible] Umbagog — [illegible].

Wea. MON. AUG. 24, 1908 Ther.

Partly cloudy with light W. wind. Just pleasantly cool.
Spent day packing & putting the canoes, [illegible] & other things away. Alva came over to Lakeside to help me. He worked there through forenoon and at my boat house in [illegible] all afternoon. [illegible] at the [illegible] [illegible] Boat House. A fine [illegible] alighted on stub within 20 yards & [illegible] many times. Saw a Sharp-shinned Hawk [illegible] [illegible]. Alva took [illegible] & back in [illegible] boat

Wea. TUESDAY 25 Ther.

Forenoon clear; afternoon cloudy; cool.
Left Lakeside by Stage at 7 A.M. & [illegible] at 4.30 P.M. [illegible] William H. [illegible] [illegible] [illegible] [illegible] as far as [illegible]. I talked [illegible] all this way, [illegible] [illegible] [illegible] [illegible] [illegible]. Saw [illegible] [illegible] Hawks, 2 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Bethel – Cambridge.

Wea. WED. AUG. 26, 1908 Ther.

Raining all day. Wind N. E. Cold.
Left Bethel at 9 A. M. and
[illegible] Boston at 4.15 P. M.
[illegible] met me at North Station.
[illegible] took 7 [illegible] R. R. to Cambridge
[illegible] drove from Porters to our home.
C., E. R. S. and Lotty Kettell [illegible]
with Mrs. [illegible] & [illegible] in [illegible]
We sat by a big [illegible] in [illegible]
[illegible] through [illegible], talking

Wea. THURSDAY 27 Ther.

Cloudy & cold with occasional
gleams of sunshine.
Spent day in Museum
unpacking my things & writing letters.
Called on Walter in late afternoon
C. asked E. R. S. & me to discard
pictures & select paper for our
chamber which we did.
254 robins, 8 Cedar Birds, 2 Hermits,
(754) Cross Blackbirds (on wing) and
a Flicker noted in the Garden.

Cambridge – Boston.

Wea. FRI. AUG. 28, 1908 Ther.

Brilliantly clear & bracingly cool
with fresh N. E. wind.
Went in town with E. R. S. at 10 A. M.
to select [illegible] new pictures for C's & my
chamber at 140. We chose a Raphael
Madonna, a photograph of Highland
Cattle & a Dutch picture & ordered
them framed. After that I called at
office, lumbered at "Bunch O' Grapes"
& [illegible] a mission desk for Museum.
Got [illegible] about 2.30 P. M. Lotty K.
was a little ill to-day. C. E. R. S. & I spent
the evening with her up stairs, reading aloud.

Wea. SATURDAY 29 Ther.

Brilliantly clear. Warmer with light
S. W. wind.
Spent forenoon in Museum & Garden.
Gave James directions about his work
& told him I should not want him
after October 15th. He is a good fellow
but inexperienced & inefficient in some ways.
C., E. R. S., Lotty & I lunched in my den
at 12.30. Drove over to No. Camb. Junction
in two coupés. C. E. & Lotty took 1.49
train for Northampton. I had my pocket
picked & a mileage book [illegible]
[illegible] on cars. I took 2.08 train for
[illegible]

Concord

Wea. SUN. AUG. 30, 1908 Ther.

Cloudless & warm with light S. W. wind. Spent forenoon at Ball's Hill. Took a walk in woods just after breakfast. Gypsey moth nests on almost every tree. The oak tops & brambles swarming with young Brown Tails. Some trees dead or dying. 2 Redstarts, a Creeper, a Chestnut Sides, a Red eye & a Water Thrush seen. Wrote letters from 10.30 to 1. Walked to farm after dinner. Birch Field & Pulpit Rock woods badly infested by Gypsey Moths. One birch tree near Spring has at least 100 nests. Whippoorwill pang across river as evening.

Wea. MONDAY 31 Ther.

Cloudless & warm with light E. wind. Spent day at farm working up & back. Pat began work there. I was with him most of the time. We dug a little pond near the cemetery across the swamp on road to Ritchie place. A mixed flock of about 200 Woodbins in this swamp. They kept high in the trees & I identified only a few of them. The Gypsey Moth situation looks worse & worse as I investigate it further. I fear all my woods are doomed. The pine blocks is dying out [illegible].

Paddled up river [illegible] only one birch, a Swamp [illegible]

Concord.

Wea. TUES. SEPT. 1, 1908 Ther.

Clear & warm with fresh S. W. wind. Spent day at farm walking up via Pine Ridge & Davis Swamp Ridge, returning via Holden's Hill. Worked with James, George & Pat in the little new park at rear of Ritchie place where we set out a lot of hemlocks & mountain laurel from my private nurseries. Birds of most kinds seemed very scarce but I heard an unusual number of Jays. Saw tracks of two Deer, a young buck & doe, on Pine Ridge & Pine Park.

Wea. WEDNESDAY 2 Ther.

Cloudy & sultry with light S. W. wind. Light showers at daybreak.

Spent day at farm working with James, George & Pat on a dam at the outlet of the swamp in Barrett Run. We finished it at 4. P. M. Mr. Gould, of Blanchard & Gould, called to talk with me about buying my woods. We have a good peach crop at farm & I feast on them daily now. Very few birds to-day. Saw fresh tracks of Great Blue Heron on shore of pond in Berry Pasture. Pat saw Kingfisher there.

Concord.

Wea. THUR. SEPT. 3, 1908 Ther.

Brilliantly clear with fresh, cool N. W. wind which died before sunset.

Spent day at Farm walking up & back. Harry Richardson with me the whole forenoon. We scouted for Gypsey Moths. He considers situation serious, perhaps hopeless. Spent afternoon working with my men in flower garden. Very few small birds noted. Saw (5) Barn Swallows at sunset. Red Shoul'd Hawk ark perched on my sign post across river 7.30 - 8 a.m. Paddled up river to Lagoon at 6.30 saw a Bittern & heard a Sora & a Swamp Sparrow

Wea. FRIDAY 4 Ther.

40° at 5 a.m.

Brilliantly clear with fresh W. wind. Cool last night Dense fog in early morn.

Spent day at Balls Hill. Had all three men & the new horse (he is a dear) working on the pond in front of horse shed deepening it. I was with them all the time. Went to Farm 5 P.M. & picked a lot of peaches for Cambridge. Two Red Shouldered Hawks screaming for half hour this morning perched in dense foliage one in Maples E. end Balls Hill, one across river. Small birds, exceedingly scarce & woods silent & bifurcate apparently

Concord.

Wea. SAT. SEPT. 5, 1908 Ther.

Brilliantly clear with fresh S. W. wind clouds gathering at sunset. Warm.

Spent day at Balls Hill. My three men and the new horse working on the pond in front of horse shed. He hoped to finish it but did not. Two or three Warblers came about chirping but I failed to see any of them. Went out sailing for an hour in forenoon. All coming paddled up river to the Lagoon. Started a Bittern, saw a Night Hawk, heard Barn Swallows. The two young Red Shouldered Hawks were screaming again this morning.

Wea. SUNDAY 6 Ther.

Cloudy with light rain in forenoon. S. E. to S. W. winds. Warm.

Gilbert & I went to the Farm just after breakfast to get some peaches. We picked five baskets of fine Elberlas before the rain forced us to quit. James drove me back to Balls Hill with the peaches. Packed them after dinner in the cabin. Crossed the river later & spent an hour or two there planning for a floating boat house. Saw only few birds & nothing of interest.

Cambridge.

Wea. MON. SEPT. 7, 1908 Ther.

Brilliantly clear with frosty, cool N. W. wind. To Cambridge by 8.15 a.m. train. C. & E. R. S. returned from Northampton Saturday night. & I found them at ten hours. Gilbert & I brought down a lot of peaches, melons, eggs &c. this morning. Found a pair of Carolina Wrens in the Garden. Heard them first about 10 a.m. in shrubbery under my study window. Saw or heard them later in close vicinity of house, in honeysuckle by cistern yard. Got Hooker Dream at his house & showed them to him. Made them sing by whistling to them. Spent morning & forenoon with them, & afternoon working in garden.

Wea. TUESDAY 8 Ther.

Brilliantly clear with light N. wind: Cool.

Found in the Garden at 9 a.m. the pair of Carolina Wrens seen there yesterday, 3 Black-poll Warblers, 2 Red-eyed Vireos, 4 Robins. In P.M. saw there 2 Water Thrushes & a Connecticut Warbler (my first local record). Heard Crows carrying them or bundle. The Conn. Warbler was in the jungle. I had a fine view of it (see Journal). At 10 a.m. I drove in a carriage to Jersey Shore on Concord River (where I heard another Carolina Wren (see Journal)) then on to Nines, Corp. Lock where I saw Tyler & Hawthorne. Had been out at Hayward's & spent P.M. writing. Had seen Cox at Hayward's. Saw Hawthorne, Walker & Keeney Dream during forenoon, with C. & R. S. & me at P.M.

Cambridge - Concord.

Wea. WED. SEPT. 9, 1908 Ther.

Brilliantly clear with light S. W. wind. Purdie came out at 9 a.m. to see the Carolina Wrens. We found them in the N. W. corner of Garden. The ♂ sang a number of times. Purdie spent whole forenoon. C. told E. R. S. & me she did not feel strong enough to attempt to run the house this winter & that she had decided to close it in October. I lunched with them both on cold pie &c. & took 2.08 P.M. train for Concord. Sailed down river to Davis' Hill before 3 p.m. & walked to Holden Hill after 4 p.m.

Wea. THURSDAY 10 Ther.

Sunny but densely hazy: Very warm. Light S. W. wind.

Spent day across river working with James, Guy & Pat on the boat pit near stone boat house. We enlarged it & then planked the sides. I shall post a floating boat house there later on.

Bobolinks heard passing over high from Lincoln to 10 a.m. A Tanager calling Chip-chaw 7 a.m. A few Warblers about probably Black-polls. Paddled up river to the dragoons & beyond on return. Saw a Red Wing & a Marsh Wren. At twilight were flying a Night Heron across the river. Bats fed along 1 & 3 mating continued forenoon & a little later 6 P.M. notes.

[illegible] - Cambridge - South Yarmouth

Wea. FRI. SEPT. 11, 1908 Ther.

Cloudless but very smoky. Oppressively hot and sultry with light S. W. wind.
Spent day with James, George & Pat working on boat pit across river. We dug it deeper & larger & supported bank by oak logs from tree cut near boat house. Saw a Phoebe & (8) Crows on this shore. On Ball's Hill saw a Microlitter varia & heard a Tanager. Bobolinks heard [illegible] times. Gilbert & I took 4.24 train to Cambridge. [illegible] home went into Gordon & [illegible] 2 Carolina Wrens & a Wood Thrush & 8 Swifts. G. & E. R. S. had been to [illegible] for day. We spent [illegible] reading about [illegible]

Wea. SATURDAY 12 Ther.

Partly cloudy & very smoky from forest fires in the north [illegible]. Cooler with light [illegible] wind.
Spent forenoon in house & [illegible] [illegible] etc. Heard full song of Carolina Wren in Gordon but did not see either bird. A juv. ♂ Yellow Warbler with 3 Black-polls, feeding on big willows. A Red-eye & a Thicker heard & seen Robins seen.
Went in town at 11.30. Spent about three hours at our office. Took 4.05 train for South Yarmouth. Spent evening in parlor [illegible] with [illegible] [illegible] & [illegible] [illegible], [illegible]

South Yarmouth.

Wea. SUN. SEPT. 13, 1908 Ther.

Cloudy with light easterly winds. Warm.
Spent most of forenoon on the shore of the river at Davis's landing with the Flores, Mr. & Miss Davis Mr. & Miss Frottingham & others. Saw Sea Robins, Flowerdres, small Blenfish & big Crabs swimming about just beneath us. Walked to Swan Pond after dinner. A lot of Blue Jays & a Kingfisher there. At 5 P. M. went to Mrs. Howe's where thirty or forty people, [illegible] [illegible], [illegible] [illegible] [illegible]. Went [illegible] again at 8 P. M. for [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Wea. MONDAY 14 Ther.

Brilliantly clear with raging N. W. wind. Cool at morning & evening.
Walked to Haynes's Pond in forenoon spending about two hours there. The sandy shores [illegible] [illegible] with Sabbatia & [illegible] [illegible] still [illegible] a few flowers [illegible] & varied vegetation all about [illegible] [illegible] [illegible]. Two boys fishing there had a fine [illegible] of large fallout pink & [illegible] [illegible]. Spent afternoon [illegible] [illegible] & [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

South Yarmouth, Cambridge, Concord.

Wea. TUES. SEPT. 15, 1908 Ther.

Brilliantly clear & very cool with strong N. W. wind. Took 10.08 a. m. train for Boston. On arriving got lunch at South Station & then went to Cambridge where I found C. & E. R. S. In P. M. plated some Sabbatia & Coreopsis rosea in the little pond front of Museum. Heard the ♂ Carolina Wren sing once about 4 P. M. Called at Walter Deane's at 7.30 & found Charlie Deane & H. K. Job at dinner there. Spent rest of evening with C. & E. R. S.

Wea. Thursday, Sept 17 Ther.

Sunny but hazy. Strong E. wind. Warm. Took 8.02 train to Boston with C. & E. R. S. Put them on 9 a. m. train for Portland & Bethel and then took 8.51 train for Concord. Worked at Ball's Hill all day with James, George & Pat. We dug out the canoe pit & made some changes in the boarding. Saw very few birds except a flock of Black-polls, a dozen or more in number. The river is at its lowest ebb & the woods as dry as tinder.

Cambridge - Concord. Tl

Wea. Wednesday SEPT. 16 1908 Ther.

Sunny but densely hazy. Cool. Heavy white frost in early morning. Strong E. wind. Gilbert & I went to Concord by 8.08 train, talking Darcy. I spent day working with James & George on canoe pit. Took 4.24 P. M. train back to Cambridge where I spent the night. Sat in the hall with C. through the evening. The house is to be closed to morrow. I saw very few birds at Concord & nothing of any interest.

Wea. FRIDAY 18 Ther.

Sunny but densely hazy with a strong smell of smoke. In afternoon the smoke hung low in a thick pall obscuring everything. It was very warm all day with W. wind. Gilbert & I went to farm after breakfast & dined there. We picked all the remaining peaches & made up several handsome baskets to give away. James has sold $25. worth. The crop has been over thirty bushels. Mr. Dexter M. Rogers, U. S. Gypsy Moth man, called just after dinner. I took him to Davis & Ball's Hill. He thinks the entire place will be stripped in three years.

Concord.

Wea. SAT. SEPT. 19, 1908 Ther.

Cloudless. Forenoon calm & densely smoky; afternoon clear with fresh E. wind. Just pleasantly cool.

Spent entire day at Ball's Hill. James, George & Pat worked there together excavating earth for a channel I am digging between our boat pit & the pond in front of horse shed. I worked on sailing canoe & on the canoe pit: Hobbs's Carmel roughed up a lot of people in P.M. [illegible] continue [illegible].

Wea. SUNDAY 20 Ther.

Brilliantly clear with light, cool S.E. to S.W. wind. A perfect day. Took short walk behind Ball's Hill after breakfast. Darry started a noisy cackling Pheasant. It looked like a hen. At 10 A.M. Six Red-shouldered Hawks soared over Ball's Hill for several minutes circling & screaming only a few yards apart. Wrote letters in forenoon. Started up river at 2 P.M. Sailed most of way to Red Bridge. Called at boat house & saw Chas. Hill, Dowbard, Hightman, Geo. Keyes & wife, Grace Keyes, Metcalf & others. Next called on Miss Adele Bullrich. Paddled back to camp at [illegible]. Saw 2 [illegible]

Concord.

Wea. MON. SEPT. 21, 1908 Ther.

Cloudless but very hazy. Warm with fresh S.W. wind.

Spent day at Ball's Hill overseeing work on the boat pits, landings etc. Had no less than seven men engaged in it viz James, George, Pat, Benson, Peter & two men hired through Ed. Maker. They dug a wide canal from our old boat pit to the new one in front of horse shed. We cut down some good white oaks for a landing. Very few birds about & none of any interest.

Wea. TUESDAY 22 Ther.

Cloudless but densely smoky with light easterly winds. Very warm.

Spent day at Ball's Hill working with same men at same tasks as yesterday. Michael Hopkins the mason worked all day making a curb around our new well. At 5 P.M. I paddled up river to the Dagoon. Found a flock of about 75 Blackbirds there. Most of them looked like Rusties but I identified one ♀ Red-wing among them. Saw a Kingfisher & a Bittern. Saw 2 Swainson's Thrushes near [illegible]. Found thousands of Brown tail. Larvae dead in [illegible]

Concord.

Wea. WED. SEPT. 23, 1908 Ther.

Cloudless but densely smoky. Warm with light S. W. wind. All the days for a week past have been summerlike but the nights are pleasantly cool.

Spent day at Ball's Hill overseeing the work of the men. Besides James, George, Pat, Benson, Peter & Mokers has made I had Hosmer & his son in Cam who began a new cabin on the hillside a little west of the log cabin. They had the frame up & the under floor laid by night. I saw almost no birds to-day.

Wea. THURSDAY 24 Ther.

Partly cloudy & densely smoky. Very warm. Dead calm most of day.

I worked at Balls Hill all day with the same men, on the same tasks as yesterday. We completed a new boat pit in front of log cabin & finished grading banks of creek leading to horse shed pond. Cut down a number of good sized white oaks also. Several Black polls about. Heard Tittarks twice. Also heard 2 Red shouldered Hawks screaming.

Wea. FRI. SEPT. 25, 1908 Ther.

Cloudless but very smoky. Sultry with light easterly winds.

Spent day at Balls Hill working with same men at same tasks as for past five days. Hosmer had the new cabin sheathed & tin roofed by night.

Paddled up river at 5 P.M. Swamp Sparrows giving flight songs on every hand. One Song Sp. in nearly full voice. Saw a brown Marsh Hawk & a flock of about 75 Blackbirds (no doubt same flock seen on 23rd) Nearly all were Red wings but a few Rusties among them. Heard Winter Yellow by. Benson saw some waterfowl, probably a coot, on river at edge of woods about noon.

Wea. SATURDAY 26 Ther.

Early morning foggy. Day clear with light S. W. wind. Very warm.

Spent day at Balls Hill working with the men on boat canals. James & George put up some oak logs for foundation of new cabin, Hosmer & his nephew nearly finished it inside. Mr. Gilman of Chelsea arrived at 4 P.M. to spend Sunday. We paddled up river as far as the Holt at 5 P.M. Started two Bitterns & heard a Rail creaking.

Concord

Wea. SUN. SEPT. 27, 1908 Ther.

Clear & oppressively hot with fresh S.W. wind. Arrival Connecticut Warbler I.
Gilman & I walked to Farm in forenoon by way of Davis Hill returning via Holden Hill. Saw a good many Black Polls & one Oporonis agilis a ♀ or juv. ♂, which I started from ground in open oak woods near big pine at foot Holden Hill. Found pond at Farm quite dry save for a pine or two of water near middle. In this were a few live tadpoles. All about it were dead fish to number of a thousand or seven most of them Shiners of various sizes with the two Bream in part in last May.
In late P.M. Gilman & I sailed down river to Carlisle Bridge, paddling back.

Wea. MONDAY 28 Ther.

Cloudy with fresh S.W. wind. A few drops of rain fell about 4 P.M.
Spent day at Ball's Hill working with my seven men. Bensen finished laying a stone wall along the new ditch or canal leading in to horse shed. James & I did various tinkering jobs. The other men shovelled sand, cut down trees etc. Gilman left me at 11 A.M. to return to Northboro. I started a hen Partridge at E. end of Ball's Hill at evening

Wea. TUES. SEPT. 29, 1908 Ther.

Heavy showers with violent S.W. wind just before daybreak. Forenoon cloudy. Afternoon clear with strong W. wind. Cooler. Had six men at work to day, James & George logging the new cabin, Bensen & Peter laying stone walls at boat pit & behind woodshed, Pat & John digging banks. Began excavation near horse shed for a small boat house for canoes.
Walked behind Ball's Hill at evening. Red maples brilliant in places but not generally. Only a few birds mostly Black-polls. Phoebe in field say 6-7 A.M.

Wea. WEDNESDAY 30 Ther.

Brilliantly clear with fresh, cool E. wind. Heavy fog in early morning.
Spent day at Ball's Hill, oversing the men. James & George finished logging the basement of new guest cabin, Hosmer & Pat put up & boarded new men's cabin, Bensen & Peter hauled stones & laid walls.
A fine Osprey flew low over the hill at 4 P.M. Later a Marsh Hawk followed. Screech Owl waling at dusk. Saw first Hermit Thrush.

Concord - Cambridge - Boston.

Wea. THUR. OCT. 1, 1908 Ther.

Cloudy with light easterly winds. Early morning foggy. Cool all day.
Spent day at Ball's Hill working with my men, chiefly on the boat canals & landings. Hosmer & another carpenter worked on the men's cabin. It was begun yesterday & boarded & roofed to night.
C. & E. R. S. returned from Bethel to-day. Gilbert went down to meet them. I paddled up river at sunset. It was calm, mild cloudy. Heard the full song of a Red-wing given a dozen times or [illegible].

Wea. FRIDAY 2 Ther.

A typical fall day of the gloomy November type, Cloudy with harsh N. W. wind.
Took 8.13 train to Cambridge. Spent about two hours with C. then went in town & met E. R. S. at Shreve's. He picked out a wedding present for Joe Russell's daughter & then went to Leonard's where we selected two Bokhara rugs for our house. Neph. I went to our office, next to Hilkinson's, formerly to Forgerhorn's. Took 4.51 train back to Concord.

Concord.

Wea. SAT. OCT. 3, 1908 Ther.

Arnold's Winter Wren, Brown Creeper, Car. Greebe.
Brilliantly clear with fresh N. W. wind. Frosty at morning & evening (ice is said to have formed last night) but pleasantly warm at midday.
Spent day at Ball's Hill working with the men (chiefly slabbing new cabin) Pierce came up with three men and pruned oaks on Beaver's knoll. Forgerhorn sent up a man for Cambridge place. I liked him. Paddled up river at sunset. Got within 12 ft. of a Greebe when it flew. Saw a Wilson's Snipe cutting about in the dusk & 3 mankind, swimming. Heard 2 Cardinal Road. Minolita ♀ & Winter Wren near Cabin. Short bill marsh wren in [illegible]

Wea. SUNDAY 4 Ther.

Sunny and warm with light E. wind. Geo. V. Leverett arrived at 10.30. We walked to Farm via Davis Hill & back via Holden Hill, before dinner. Down river in afternoon paddling (in iron boat) to Carlisle bridge & back. Saw 4 Greebes together off Birch Island & a fifth still further down. Started two Partridges at Farm & heard another drum. Gilbert saw one in barberry front of his cabin in forenoon.
I went to Farm again at 5 P. M. C. telephoned to C. & to Bailey. Arthur Chadbourne's wife died this morning

Concord Cambridge - Concord.

Wea. MON. OCT. 5, 1908 Ther.

Clear & warm. Dead calm most of day. Mr. Leverett departed this morning. I spent day superintending work of men. I had four carpenters besides James & George working on the cabins. Pat worked as Grading & Gilbert painted. Benson & Gilbert did not come. There were also Pierce & four men pruning trees & treating gypsy moth nests.

Took 4.24 train to Cambridge. To Nuttall Club meeting at Batchys at 10.30 spent night at our house

Wea. TUESDAY 6 Ther.

Cloudless & warm with light easterly winds. Spent most of forenoon in our Garden. Saw there a dozen or more Robins, as many White Th. Sparrows, 2 Black-polls or gray Purple Finch, 2 Goldfinches & a Flicker. Will E. R. S. & Miss Allyn attended wedding of Sarah Russell (Jim's daughter) in Christ Church at noon. We went afterwards to reception at house. Big crowd there.

C. had attack of rheumatism & could not [illegible]. Jim & Mrs. Melvin called with automobiles at 2.30 & took E. R. S. & me to Concord to see Mamma [illegible]. Later they took me to Balls Hill. A cabin [illegible]

Concord.

Wea. WED. OCT. 7, 1908 Ther.

Forenoon cloudy; afternoon clear warm & dead calm.

Spent day at Balls Hill working with the men. James & George finished scabbing the large new cabin, Hosmer's carpenter worked in the new small cabin & in the canoe boat house, Pat shoveled & graded. Five gypsy moth men worked all yesterday & to-day in the woods across the river, finishing there. As I was at the canoe fort a Fish Hawk alighted in a nearby within 15 ft. of me. Paddled up river a little way at sunset. Fifteen cabins rather bright to-day.

Wea. THURSDAY 8 Ther.

Clear & warmer with fresh W. to S.W. wind. Foggy in early morning.

Spent day at Balls Hill working with the men. Gilbert & James slatted the new chestnut cabin, Benson worked on the canoes, Pat, Peter & George hauled off brush. I worked chiefly with Hosmer's carpenter on the canoe boat house & the well cover.

Padded up river to the bayou at sunset. Saw a Great Blue Heron. Heard a Gora & a Short-bill Marsh Wren. Song & Swamp Sparrows in full song.

Concord.

Wea. FRI. OCT. 9, 1908 Ther.

Cloudy, calm, mild. Tree crickets still chirping. Red maple foliage at the very height of its autumn coloring & very brilliant.

Spent day at Ball's Hill working with James & the carpenter. We finished slabbing the new chestnut cabin. Bruson, Peter & Pat carrying wards. At evening walked to Bruson's to see the swamp maple foliage. Never have I known it more brilliant. Paddled up river in twilight. Heard a Sora Rail saying cup & three Screech Owls. Soliloquy vireo singing near cabin this forenoon.

Wea. SATURDAY 10 Ther.

Cloudy with chill E. wind, threatening rain. Spent day at Ball's Hill working with the men. The carpenter made shutters for new chestnut cabin & George painted them. James & I worked at a variety of small tasks about the cabins. Bruson Peter & Pat worked at the stone wall in the new boat house. Pierce & four men treated gypsy moth nests on Davis Hill. Very few birds noted. Sam Henshaw arrived by 5.30 train to spend Sunday. As we approached the stone boat house in twilight a Dun started near us & whistled loudly.

Concord.

Wea. SUN. OCT. 11, 1908 Ther.

Sunny & very warm with fresh S.W. to W. wind. Heavy showers before daybreak.

Sam Henshaw & I paddled down river to Birch Island after breakfast. Returning we walked to Davis Hill. In dry course of brook that drains Davis Swamp found the biggest snapping Turtle I ever saw living. It must have weighed 50 lbs or more. Head as big as my fist hind legs as my wrist. It was vicious & active.

Walked to Farm in P.M. Started Blue Heron from big pine Pulpit Rock-woods. Got back at 5 & paddled up river to Holt. Saw a Screech Owl there on a dead maple branch & a night Heron [illegible]. Foliage gorgeous along edge of river meadows. Saw red maples born of Lowes.

Wea. MONDAY 12 Ther.

Brilliantly clear with strong, cold N.W. wind. Henshaw departed at 8 A.M. I spent day at Ball's Hill working with the men. The carpenter built in a box for oars & paddles in well house. James put down more steps to boat pit. George left us last night & Austin about took his place this morning. I walked to Farm at 5 P.M. Got chestnuts at Holden Hill, grapes at Ritchie place, peaches at Farm. Saw very few birds to-day. Red maples leaves falling fast. Hickories at Farm splendid old gold.

Concord.

Wea. TUES. OCT. 13, 1908 Ther. 20°

Brilliantly clear with strong W. wind. Early morning cold with heavy white frost. Warm at midday. Maple foliage falling & trees nearly bare by evening. Spent day at Ball's Hill working with the men. I had James, Pat, Benson, Peter & Shaw the carpenter. Worked on boat house & changed mosquito netting in my cabin. Pierce & four men at Davis Hill. Saw Sharp Shin Hawk over cabins & (2) Marsh Hawks over river. Paddled up river at evening, tolling bobby. He started 2 Sora Rails. I approached one of them within 6 ft in the canoe. It was in pickerel weed.

Wea. WEDNESDAY 14 Ther.

Cloudless & warm with light S.W. wind. Spent day at Ball's Hill working with the men. I had James, Austin, Pat, Benson & Peter. Shaw the carpenter worked all day in my cabin changing the mosquito screens there. Pierce & 4 men worked on Davis Hill. Very few birds about. Paddled up to the bagoon at sunset. Evening calm & mild. Heard three Soras cupping & creaking. Two Muskrats came very near me. One was eating water lily roots.

Concord - Cambridge - Concord.

Wea. THUR. OCT. 15, 1908 Ther. 73° max 51° min

Clear, calm, very warm. Gilbert & I took 8.13 train to Cambridge. I spent forenoon in house & museum. The new man Henry Seagroat began work this morning & I showed him what to do. C. had a host of women cleaning house but she made time to go to Mus. Comp. Zool at 3 P.M. We saw there 4 live Solenodons just from Haiti — extraordinary creatures. After that I had hair cut at Square. C. & I called at Pres. Eliot's at 8.30. They were not at house. Garden alive with White throats. A Hermit & a Black-pool there.

Wea. FRIDAY 16 Ther. 80°

Clear, dead calm all day. Oppressively hot. Took 9.08 train for Concord. It went only to Bedford I found. Took electric thence. Spent day at Ball's Hill working chiefly with the carpenter. Besides him I had James, Austin & Pat at work. Pierce was on Ball's Hill with three men for his last day. Robins & 2 Hermit Thrushes eating Tupelo berries near cabin. Heard Pine Lizzie & Titlarks. Paddled up river at sunset. Marshes dark & apparently almost lifeless. Heard a Swamp Sparrow, a Song Sparrow & a Maryland Yellow-Throat (chipping)

Concord.

Wea. SAT. OCT. 17, 1908 Ther.

Cloudless but very hazy. Dead calm all day. Oppressively warm.

Took short walk after breakfast. Saw at least 50 Robins along river path & a lot of smaller birds near birch gate.

D. C. French arrived at 10 a. m. to spend day. We walked about in the woods & looked at the cabins in forenoon. Started up river in the little canoes soon after dinner. Went nearly to Hunt's Pond stopping twice to cool off under shade of willows or maples. Water glassy smooth & covered with crisp floating leaves. Got back at 4.30 & walked to Pine Ridge. Dan left me at 5.30. Heard a Black Duck just there.

Wea. SUNDAY 18 Ther.

Still another smoky, uncomfortably warm day with scarce a breath of wind.

Drove to the Farm just after breakfast to telephone to Bartholdi about A. O. U. matters. Got back at 11 & strolled about in the woods for an hour. They were alive with birds. There were fully 10 Robins on the Hill. Pine Buntings in big flocks whirling about. Mr. Mc. Innes & Mr. Hall assured at noon to dine with me. We worked to Davis & Holdens Hills after dinner. They took 4.13 train. Mr. H[illegible] & his son called.

Concord.

Wea. MON. OCT. 19, 1908 Ther.

Cloudless but densely smoky. Cooler with strong N. E. wind.

Spent most of day working with Pat, James & Austin on and about Bensen's Knoll where we opened several vistas cutting down a lot of trees & bushes. It was a chill gloomy day & I noted but few birds. Gilbert saw four Ducks on wing & I heard a Night Heron at wing & saw a lot bird in the swamp behind Ball's Hill. Jack Nichols called in afternoon.

Wea. TUESDAY 20 Ther.

Brilliantly clear with strong, cold N. W. wind.

Spent day working with Pat, James & Austin on & behind Bensen's Knoll. We cut down a large number of trees including some white pines which George Carroll, Pat & I set out in the spring of 1894. They are now 10" in diameter & 25' high. Gilbert went to Cambridge & I cooked my own dinner. Saw only a very few birds including 3 Juncos & a White-throat. A Gree in river off Ball's Hill. Three gunners appeared in Pine Park at 4 P. M. & I waved them off.

Concord - Cambridge - Boston Concord.

Wea. WED. OCT. 21, 1908 Ther.

Clear with light N.W. wind. Early morning cold. Warmer at evening.
Took 8.13 train. Our canal frozen over with thin ice. Spent forenoon in our house & Museum. Batchy & Geo. Leave, called to discuss A.O.U. plans. A Hermit, a Chickadee, a Junco & 8 or 10 White-throats in Garden. Also 5 or 6 Robins & 5 Crows flying over. Lunched with C. & E.R.S. Went in town at 2.30. Spent an hour at office, bought hardware at Wilkinsons & took 4.57 train back to Concord.

Wea. THURSDAY 22 Ther.

Cloudless & mild. Calm most all day.
Spent day at Ball's Hill working on the well house with James & Austin. We raised the roof a foot & made other changes. Pat worked across the river in forenoon, behind the hill after dinner. The carpenter did not come yesterday or to-day. Gilbert went to Cambridge to help clean Museum. I cooked eggs for my lunch.
Paddled up river to lagoon at sunset. Marshes brown & apparently lifeless. Saw small flock of Tel Coils flying over them

Concord.

Wea. FRI. OCT. 23, 1908 Ther.

Clear & warm with light, variable winds (chiefly S.E. to S.W.) & long intervals of dead calm. Smoky in afternoon.
Spent day at Ball's Hill working chiefly with Shaw, the carpenter, in the new cabins. James & Austin worked all day on the well house, Pat across the river on the boat canal. It was summerlike at noon & evening but cold in early morning with ice on my roof. Saw very few birds. Two Grebes in near off cabins at 8 a.m.

Wea. SATURDAY 24 Ther.

Cloudy & mild with light easterly winds.
Spent day at Ball's Hill working with the men. The carpenter practically finished the new guest cabin. James worked under the new men's cabin. Pat cleaned out the well and ~~the~~ ~~wood~~ shed. Saw almost no birds. Saw a Purple Finch, a Hermit & a few Crows & Blue Jays. Mr. & Mrs. H. B. Bigelow called in forenoon & stayed about half an hour. Paddled up to the lagoon at sunset. Did not see nor hear a single bird of any kind. Two Muskrats swimming about near me.

Concord

Wea. SUN. OCT. 25, 1908 Ther.

Cloudy & mild with fresh E. wind. A few rain drops fell about 3 P.M.

Spent day at Ball's Hill working in the cabins with Gilbert. Had a short sail on the river and a walk to Davis Hill in late afternoon. Almost no birds seen or heard. At evening I started great numbers of frogs along the river path. They made lots of noise among the dry oak leaves. The workers fisherman came along at dusk with forty pickerel caught to-day.

Wea. MONDAY 26 Ther.

Cloudy & mild with light N.E. wind and heavy rain in late P.M. & evening.

Spent day at Ball's Hill working chiefly with Shaw the carpenter. Pat & Gilbert worked about the cabins. James & Austin across the river where they slabbed one side of the boat pit. We moved the canoe house to behind the hill & put both canoes away for the winter in stone boat house. Pat burned two big piles of brush after dark. Very few birds seen or heard except Jays & Fillcocks.

Concord

Wea. TUES. OCT. 27, 1908 Ther.

Clear & warm with light W. wind. Spent day working behind Ball's Hill with Pat, Austin, Benson & Peter. We cut down a great number of trees, including some rather large pines, chiefly in & about the opening in the flat land between the hill & the swamp. The carpenter worked in the cabins. James made a rack or "shoe" for the boat house to be carried on. Heard White wing Crossbills twice in early morning & saw a flock of 50+ Red Crossbills circling in a dense cloud at 3 P.M. over Ball's Hill. I think there were White wings among them.

Wea. WEDNESDAY 28 Ther.

Cloudy & calm with fine rain every now & there & heavy rain after nightfall.

Spent day working with Pat, Austin, Benson & Peter in woods behind Ball's Hill where we cut down hundreds of inferior trees mostly oaks, birches & maples. The carpenter worked in the cabins for his last day & James finished shoe for boat house. I went to Farm at 2 P.M. to answer a telephone summons from C. about A. O. A. complications. Saw a lot of birds there Jones chiefly. Started 3 Partridges in the Run.

Concord.

Wea. THUR. OCT. 29, 1908 Ther.

Cloudy with strong N.E. wind and fine mist-like rain. Heavy rain last night.

Spent day at Ball's Hill working with Pat, Benson & Peter on or near the knoll at Bird Gate. We had two big brush fires going. Cut down a lot of pines & other trees that were crowding the huckleberries, barberries & spiraeas that I planted 13 or 14 years ago. Took my last meal in the cabin at noon. Gilbert [illegible] Farm at 3 P.M. & I followed him just before dark.

Wea. FRIDAY 30 Ther.

Heavy north-easter with torrent of rain all through last night to 10 A.M. to-day. Sun came out by noon & wind changed to N.W. blowing half a gale in late P.M.

Spent day at farm overseeing work of men. Pat & Austin cleared up wood shed, James & Gilbert took off mosquito screens etc.

There were lots of Juncos & Gilbert recorded about the place. Saw 2 Fox Sparrows in Ritchie place. A Peabody Bird in nearly full song at evening. A few Robins & a number of Crows & Jays, 2 Golden Ards 2 Bonaparte etc. hold near home.

Concord - Cambridge.

Wea. SAT. OCT. 31, 1908 Ther.

Brilliantly clear with strong, cold N.W. wind.

This was my last day at Concord. I spent most of it at Farm closing up & pulling things away for the winter. Had James, Austin, Pat & Benson at work. Hosmer came in forenoon & I arranged with him to build roof over apple cellar & another here house. Walked to Davis Hill after dinner with Pat & Benson & arranged with Carter to cut off point of Davis Swamp in hollow. Gilbert & I with Pat crossed river at 3.45 & put boat away. G. & I then took 4.24 train to Cambridge.

Wea. SUN. NOV. 1 Ther.

Clear & cold with strong N.W. wind. Saw four or five Peabody Birds & a Chickadee in the Garden. Ponds skimmed over with thin ice. Cherry & apple trees still leafy but most of the other trees quite bare.

Spent most of day in Museum writing letters, paying bills etc.

Called on George & Mary Deane in late P.M. to discuss plans for entertaining A.O.U. members. C. & E. R. S. read to me through evening from "The Testing of Diana Mallory" by Mrs. Ward.

Cambridge.

Wea. MON. NOV. 2, 1908 Ther.

Clear & cold with fresh N. W. wind. Spent day in Museum writing letters & cheques for bills. D. J. McMillan who has worked here as gardener since June 1st called to receive his final payment (of $60) for the month of October. He is a good boy but inefficient in many ways. We like much better his successor Henry Seagroatt. A Fox Sparrow & seven Peabody Birds in Garden. Dined at Batchelders at 7 P. M. with Dr. Gadow, Will Jeffries, Arthur Bent, Mrs. Bolles, Miss McCready & Miss Cleveland.

Wea. TUESDAY 3 Ther.

Clear, calm, mild.

Spent most of day in Museum working on letters, bills etc. Finished my Museum report and took it to Sam Hewsham after dinner, driving down & back. He showed me a Liberian Forest Hippopotamus just arrived from Ward. Peirce called in Cater Pall to see about healing gypsy moths here. The painless began repainting our house this morning. 4 Robins, a Brown Creeper, a Junco, 4 White-throats, a Flicker & a Down seen or heard in the Garden.

Cambridge.

Wea. WED. NOV. 4, 1908 Ther.

Cloudy & windy with falling temperature.

Spent day in Museum writing letters. Walked to Irving's Stable at sunset to arrange with him about keeping our cow for the winter. Met Robert Nesbitt exercising two young setters. A Brown Creeper, a Chickadee, four Peabody Birds, a Junco and a Downy noted in the Garden.

Will & Alice Stone dined with us at 7 P. M. & spent the evening.

Wea. THURSDAY 5 Ther.

Clear & colder with brisk N. W. wind. Ponds in Garden frozen over again. Threw out a lot of hemp seed for birds. 4 Fox Sparrows, 3 White-throats, a Song Sparrow & about a dozen House Sparrows assembled to eat it. Saw 4 Robins eating Parkman apples & 3 Chickadees in the Lilacs.

Spent day in Museum writing letters. Men all over the place painting, carpenting & cleaning up things. C. now given out again. She went in to the Mayflower Club [illegible]

Cambridge Boston. Cambridge

Wea. FRI. NOV. 6, 1908 Ther.

Cloudy & cool with strong, harsh N.W. wind. Spent day in Museum writing letters & arranging books. The only native birds noted in Garden were a Chickadee, a Junco & a White throated Sparrow.

Patsey & four men clearing up about garden, gelling out plank walks, plank covering for ponds etc.

C. had her Bee at the house in afternoon & evening so I went to Boston at 4 P.M. Spent an hour at Athletic Club dined with Will & Alice Stone at 6.30 & came out home at 9.30.

Wea. SATURDAY 7 Ther.

Clear & cool with fresh N.W. wind. Spent much of day in Garden where Patsey & 4 men worked cutting down trees, clearing up rubbish etc. When they cut off a large hollow branch of an old apple tree by the back gate a gray screech Owl flew from it. Four Goldfinches were feeding for hours in the birches & a flock of 8 flew overhead. Saw a Hermit, a White throat, a Junco, a Creeper, a Robin & a Chickadee in garden. Dr. Wm Simmons lunched with Lovey & me. To Braith Hall at 8 P.M. to see 3 plays given in aid [illegible] with E.R.S., Miss [illegible] Mrs. Cobb

Lovey & Allen & Miss East wood [illegible] Cala [illegible] whom I [illegible]

Cambridge Boston - Cambridge.

Wea. SUN. NOV. 8, 1908 Ther.

Cloudy, calm, mild; light rain in A.M. Spent forenoon in Museum writing letters. Dined at Mrs. Thayer's with E.R.S., Miss Johnson, Mrs. Howland & a young Mrs. Amos. Returned to Museum at 2.30 & wrote for 2 hours more. Hermit Thrush in Garden, a Crow & 2 Gulls flying over it. Saw nothing else there to-day.

To Boston at 4.30. Met C. at the Stone's Studio. After that we dined at the Lenox. After escorting C. back to the Mayflower Club I returned to Cambridge at 9 P.M.

Wea. MONDAY 9 Ther.

Clear, calm, very mild.

Spent day in Museum arranging books & in Garden where Patsey & four men & Pierce & 3 men were at work. Saw a Hermit Thrush, a White throated Sparrow & four Goldfinches feeding seeds of black birches. Heard a Golden-crested Kinglet. Mrs. Alvey lunched with me at 1. The Nuttall Club met in the Museum this evening for the first time this year. About 20 members present. Paper on House Sparrows by Townsend.

Wea. TUES. NOV. 10, 1908 Ther.

Cloudy, calm, mild but chilly. Foggy in early morning.

Spent day in Museum & Garden. Patsy with 4 men still at work about the place. James came down from Concord with load of birch wood. Gilbert & Henry cleaned up the Museum cellar.

In late P.M. I called at Batchelders with C. & E.R.S. Mrs. B. engaged. Went to Harvard Square & had hair cut.

Two White-thr. Sparrows & a Golden-crest in Garden. Saw nothing else there.

Wea. WEDNESDAY 11 Ther.

Cloudy & misty with an occasional sprinkle of fine rain. Calm & mild.

1 Chickadee only bird noted in Garden.

Spent forenoon in Museum sorting letters. Glover Allen here all forenoon working up references. Patsy & 3 men digging holes for hot beds, Birchcliffe & one man repairing front steps of house, the painters still working on house.

To Boston at 3.30 to attend meeting of Audubon Soc. Directors at Bos. Soc. N.H.! Present Dr. Field, Allen, Hoffmann, Mrs. Elliot, Mrs. Bolles, Miss Richards, Miss Hubbard. Got home at 6 P.M. [illegible]

Wea. THUR. NOV. 12, 1908 Ther.

Clear & cool with high N.W. wind.

Spent day in Museum working with Gilbert & Henry, rearranging things & "tidying up" for the coming A.O.U. visitors. Patsy had two men at work about the place & Birchcliffe and one man at the house where a swarm of painters were engaged.

Saw two Red Crossbills flying over the Garden & a flock of others in trees, Goldfinches in our garden [illegible] a [illegible] [illegible] window [illegible] I fear

Wea. FRIDAY 13 Ther.

[illegible]

I went in town at noon, lunched at "Bunch O' Grapes", spent two hours in our office, went to Safety Vaults with MacIntire to deposit Mass. bonds [illegible] Cambridge [illegible], bought cigars [illegible] & got home at 7.00 [illegible] in Peabody Birds' Collection in Garden all evening

Cambridge

Wea. SAT. NOV. 14, 1908 Ther.

Sunny most of day but cloudy in late P.M. with rain after dark. Spent most of day in Museum. Called on Ruth Deane at George's house in noon. When I got back found H. W. Henshaw & E. W. Nelson at our house. We spent after noon together in my study. Oakman Bangs called & stayed an hour or two. Spent evening in huggerugger & den. 2 Herald & a crapper in Gorsebury

Wea. SUNDAY 15 Ther.

Clear & cool with raging N. W. wind. Henshaw, Nelson & I spent forenoon in a taxicab doing the park systems, the Mt. Auburn & Hush Pond regions. The cab broke down in W. Roxbury & we were shifted into another. Mr. Eastwood dined with us at 1.30. Henshaw, Nelson & I called on Ruth Deane at 5 P.M. We all went down to Bakhtelder's at 5 P.M. On [illegible] guests Fisher, Stone, Dwight & Bishop.

Cambridge

Wea. MON. NOV. 16, 1908 Ther.

Brilliantly clear fresh N. W. wind. Dr. Roberts, Mr. & Mrs. Frank Chapman & the Misses Myers became our guests to day. The Council of A. O. U. met at 10 a.m. in my study. 13 members present including Allen, Chapman, Merriam, Fisher, Dwight, Stone, Bakhtelder, Sage, Nelson, Roberts, R. Deane & Dutcher. We lunched in the Museum room at 1. Had short session Nov. Com. in late P.M. Business meeting of Union in big Museum room 8-11. Besides members of Council in hand Bishop, Purdie & Merriam & R. Deane lined with Nelson elected Pres. [illegible] guests at 6-30 P.M.

Wea. TUESDAY 17 Ther.

Doubtless with [illegible] W. wind. Fine day. A. O. U. meeting in big lecture room at Mus. Comp. Zool. Over 100 present. I stuck to the hall all day. We lunched at [illegible] & went to afternoon tea at Bakhtelder's at 4.30. A great crush there, everybody having good time. At the meeting we had talks by Merriam, Dwight, Chapman, Fisher, Todd & Woodruff & general discussions. Saw Kellogg there. Subs. dinner at Oakley Club 8 P.M. About 80 members present. A great success. I sat & talked with Mr. & Mrs. John Murdock & 5 White Ethnots on the Gore [illegible] Mr. Mackay.

Wea. WED. Nov. 18, 1908 Ther.

Cloudy & calm with light rain.
Spent day at Mus. Comp. Zool. Chapman gave two lantern slide talks in P.M. He showed moving pictures of Brown Pelicans. The big Geol. lecture room was crowded. Mr. Agassiz came to hear Chapman. We reserved a good seat for him. Bush was served at Colonial Club. Dwight & Purdie dined with us at 6.30. I gave an evening reception in my Museum to the male members of the Union. About 70 came & the building was crowded full. C. provided a few collations served in my Study.

Wea. THURSDAY 19 Ther.

Clear, calm mild.
A morning session of the Union closed the present Congress. First Job & then Finley showed a great number of beautiful & wonderful slides of water birds. They were better than anything Chapman has ever shown. The Geol. lecture room was nearly filled. We lunched at Colonial Club & [illegible] afternoon. Henry & the ladies went to Symphony concert at 8. C., E. R. S., Nelson & I spent evening in Huggermugger [illegible]. Frank Chapman took afternoon train for [illegible].

Cambridge, Lancaster, Boston.

Wea. FRI. Nov. 20, 1908 Ther.

Rainy all last night but brilliantly clear to day with fresh W. wind.
Spent day at Lancaster, Mass. with the A. O. U. members about 80 in number. About 20 of us went up by early 8.23 train. John Thayer met us at Station. We devoted the forenoon to seeing the specimens in his museum when the second instalment of visitors arrived at 11.30. The whole party reached his house at 1.50 when we had luncheon. We all took 3.23 train back filling a special car. It was a delightful [illegible] Nelson, Robert, Mrs. Nelson left us [illegible] Chapman & Benj. Mejia left us at 9 P.M.

Wea. SATURDAY 21 Ther.

Calm & brilliantly clear. Early morning frosty. Middle of day warm. Barons still green & ponds & [illegible] open.
Henry Henshaw, Miss Myers & E. R. S. departed some after breakfast. C. went in to her Mayflower Club a little later & I to the Abbotsford [illegible] noon.
Called at our office at 3 P.M. & spent [illegible] hour there. At 4.30 met C. at the Bellevue where we had an interview with Dr. Gehring. C. left him at 6. I dined with him and went with him to South Station where he took 8 P.M. train for Washington

Boston - Cambridge.

Wea. SUN. Nov. 22, 1908 Ther.

Clear, Calm, very warm for season.
Spent most of forenoon at Athletic Club [illegible] "[illegible] 1-1.30 P.M. We then [illegible] to Roxbury to call on Miss Anna Everett & her sister. After that C. visited Mrs. & I called for her there. Returning to Boston we called on Sally Dearborn. I dined at at Athletic Club at 6 with Harvey Hutchins & I saw him off for Washington at 8.15 P.M. train. Spent evening at the Club reading & napped at the Abbotsford

Wed. MONDAY 23 Ther.

Sunny but hazy. Calm & very mild.
Breakfasted at Abbotsford. Smoked & read at Athletic Club until 10.30. Then went to our office & with Mountain to Safety Vaults to get our mortgage note. Lunched with Zeltner & at Exchange Club at 12.
To 2 P.M. meet C. at 4 Park Sq. & drive home [illegible]
Got home about 3.30. Heard a Robin calling in Jungle & a Warbler chirping at rear of barn. Looked up the Warbler. It was feeding on a cat. It was high in an elm & I could not identify it. It was but thought it was the Western Palm W. Saw a cat bird last [illegible]

Concord

Wea. TUES. Nov. 24, 1908 Ther.

Clear, Calm very warm.
To Concord with Gilbert by 9.06 train. James met us at Station. The weather & farm he & I found in fair shape. Spent 7 hrs & one forty [illegible] for [illegible] in [illegible] & [illegible] of afternoon to Barn [illegible] on Barn floor. Afterwards [illegible] & [illegible] & [illegible] & [illegible] & [illegible] Walnut through Ben Pasture at Summit. Flock was calling. Solitary Fox Sparrow was about. 2 Juncos in Twitten [illegible] Gray & Red Squirrels numerous. No [illegible] Very uncomfortably warm Sunny day & night. Cold Wed.

Wea. WEDNESDAY 25 Ther.

Gloomy with dense low clouds, thin fog and fine rain. Light E. wind. Mild but chilly.
Spent day at Farm superintending carpenters building tables. Two of Hosmer's carpenters at work on new hen houses in front of Bungalow. He is merely foreman. Pat working on office hens. He has dug out a lot of them by the roots. Only a few birds noted - a Chipper, a W. C. Nuthatch & 5 Chickadees in orchard, 2 Juncos near house, Blue Jays screaming in the woods. Took 4.20 train back to Cambridge. No ice near bridge nor first complaints. Feels cold & brown.

Cambridge

Wea. THUR. NOV. 26, 1908 Ther.

Cloudy, calm, mild with misty rain. Thanksgiving Day. C. & I attended services at St. Johns in forenoon. Geo. V. Bowman & Mrs. Mansfield dined with C. & R. S. & me at 1.30. Mr. Bowman stayed on until 5 P.M. talking with me in the Museum about Rutherford. Dean joined us at 4.30, staying until 6.15. C. & R. S. had alone in the hall in the evening. I saw no birds in Garden to-day.

Wea. FRIDAY 27 Ther.

Clear & cooler (but not frosty) with fresh N. wind. Spent day in Museum. Pickard called at 10 A.M. with some papers from Mr. Cruickshank Sec. for me to sign. He went for Amer. to witness them by Notary Edmund Emerson called at 2.30. I walked with him to Memorial Hall whence he kept on to call on Miss Norton. Soon after my return I had a note from John Farley who brought me in the photo of a fine Skua killed in Nova Scotia by a fisherman. To whom I sent $5 for the photo

Cambridge - Concord

Wea. SAT. NOV. 28, 1908 Ther.

[illegible] train to Bedford driving there by [illegible] train to W. Bedford & crossing the river in our own boat. No [illegible] for some talking [illegible] Gilbert [illegible] the river in rafts [illegible] I [illegible] in the [illegible] to [illegible] [illegible] River is nearly [illegible]

Wea. SUNDAY 29 Ther.

[illegible] light W. wind [illegible] called [illegible] Ruff breakfast & afterwards to surprise with my Dead Birds. He tells me that [illegible] has secured an European Wigeon [illegible] on Nov. Hampshire. [illegible] came [illegible] We had some visitors, odd fellows [illegible] by Mrs Bowman of Philadelphia. She [illegible] departed [illegible]

Cambridge.

Wea. Mon. Nov. 30, 1908 Ther.

Cloudy, calm, mild with drizzle & fine rain in forenoon.

Spent day in Museum writing letters. No callers [illegible] R. G. [illegible] [illegible] who called [illegible] to consult me about [illegible] [illegible] [illegible] Hawk. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Wea. Tues. Dec. 1 Ther. [illegible] max.

Clouded with light W. wind. [illegible] as a [illegible] or early June day [illegible] [illegible] [illegible] [illegible]

Spent day in Museum working on letter to Dr. [illegible] Howard about [illegible] [illegible]. [illegible] [illegible] [illegible]

[illegible] Crows [illegible] early [illegible] [illegible] [illegible] [illegible] [illegible]

Wea. Wed. Dec. 2, 1908 Ther.

Clear & colder with high N. W. wind

Spent day in Museum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] until 2 A [illegible] [illegible] to see me this morning & Walter Deane called about noon [illegible] an hour or more. [illegible]

Wea. Thursday 3 Ther. 28° min

Clear & cool with high N. W. wind

My bronchial cough was so troublesome that I spent the entire day in the house inhaling benzoin steam every two hours. Dr. Jewett came to see me at 8.30 a.m. He has decided it will not be safe for me to attempt to give the little talk I had planned at Botanic Club meeting to-morrow night. It was to have been on my experience planting things at Concord & it has been already announced on the cards. C. [illegible] to [illegible] [illegible] [illegible] E. R. [illegible] [illegible] [illegible] [illegible]

Wea. FRI. DEC. 4, 1908 Ther.

Cloudy with light rain.
Spent day in house.
My cough bad. Dr. Jouett came at 8.30. Walter called later.
I read & C. read aloud to me.
I was in the den most of day.
Have grown up smoking for the time. I cough heavily & frequently by day & still more so at night.

Wea. SATURDAY 5 Ther.

Clear & cool with W. wind.
Spent day in house in the Den.
Read most of time. Dr. Jouett called in forenoon. I saw no one else except Miss Swasey who dined with us. Spe & C. went to some theatricals in Boston in P.M. & E. R. S. went to Dramatic Club performance this evening when C. read aloud to me in the hall.
My cough better to-day but still not a little troublesome.

Wea. SUN. DEC. 6, 1908 Ther.

Clear, calm mild.
Spent day in house. My cough better. Read & looked over old photographs. Dr. Grenfell, Frank, Manning & Miss Allyn dined with us at 1.30. Dr. Grenfell went in town with C. about 3 P.M. Frank played in room later talking & smoking in the hall.

Wea. MONDAY 7 Ther.

Cloudy with violent S. E. wind and a flood of rain.
Spent day in Museum writing letters etc. Discovered that the collection of bird nests in the gallery is badly infested with anthrenus. They have done a lot of damage & are distributed through at least eight or ten large cans. How Walter & Gilbert can have let them get such a foothold I cannot understand. Nuttall Club meeting this evening. I read a short paper on bird spreading gypsy moths

Cambridge - Boston.

Wea. TUES. DEC. 8, 1908 Ther.

Clear & cool with light W. wind.
Spent day in Museum working most of forenoon on the infested bird nests. Many are ruined & among these are some of my choicest things - Bay-breast Warblers, Canada Jays etc. Gilbert says Walter ordered him to cease bisulphiding these cans four or five years ago because he found the bisulphide would injure the eggs.
James drove the new horse down to-day & left him at Irving's for the winter.
John Nichols spent evening with us. I called on Mrs. Frank Bolles at noon to-day.

Wea. WEDNESDAY 9 Ther.

Cloudy & chilly. Ground hard frozen. Little or no wind.
Gilbert went to Concord to finish painting cabin roofs & to photograph horse Charley. I spent forenoon in Museum writing letters. To Boston at 3.30 to attend meeting Directors Cond. Soc. at Mrs. Cabot's. Nearly all of them there. Hoffmann elected chairman. Came out in carriage with Mrs. Prof. Putnam after driving her husband & Sd. Morse to Boylston Street E. & E. R. S. read Crawford's Exp. [illegible]

A Flicker & 2 chickadees in Garden.

Cambridge.

Wea. THUR. DEC. 10, 1908 Ther.

Brilliantly clear & crisply cold with light W. wind. Ground hard frozen.
Spent day in Museum. Worked all forenoon on short article about Otters in E. Mass. which I have decided to write for Science in which (issue of Nov. 27) has just appeared some records of recent occurrence of this animals in Connecticut River. In afternoon worked in gallery on the moth-cotton nests. Birds excessively scarce here. Saw only one - a Flicker - in Garden to-day.

Wea. FRIDAY 11 Ther.

Snow storm (the first for this winter) beginning at 10 a. m. & lasting all day about 2 inches falling.
Spent day in Museum working on article about Otters for Science.
C & E. R. S. went in town at noon for Christmas shopping & to see a famous professional dancer this evening.
Gilbert went to Concord by a morning train to superintend the cutting of moon pines for our lawns.
Heard a Crow this morning but did not see a single bird all day - except House Sparrows of course.

Cambridge

Wea. SAT. DEC. 12, 1908 Ther.

Forenoon cloudy with sleet & snow
afternoon clear & rather mild with no wind.
Spent most of day in Museum
working on Otter article but making little
progress because of frequent interruptions
due chiefly to preparations for Christmas,
in which our whole household took part.
There was, too, Miss Upton whom C. is
employing to help. She lunched with us,
a bright woman highly educated & refined.
No callers to day except the Cunninghams
who appeared about 5 & stayed an hour.
Not a bird of any kind seen or heard in Garden

Wea. SUNDAY 13 Ther.

Cloudy with snow flurries now & then.
Calm, mild. Sidewalks icy, trees ice coated.
Spent most of day in Museum
writing letters. Miss Eastwood dined with
us at 1-30. George Farnsworth called
at 5 P.M. As he was leaving about 6
Harry & Mrs. Bartlett, formerly of Lowell
~~now~~ living in Cambridge, came for a
long call. Never before have I known
our place so utterly barren of bird life.
This is the third consecutive day that
has passed without my seeing a few [illegible]
—, save on a few House Sparrows.

Cambridge - Boston

Wea. MON. DEC. 14, 1908 Ther.

Clear, calm, mild. Trees & shrubs hung
with ice diamonds in early morning.
C. & I took walk with Barry after breakfast,
up Bratton & Fayerweather Strs, back through
Highland St. Saw 1 Blue Jay at Nichols
place & 2 more in Hooper place on hill.
I wonder why they do not visit our garden.
In the Garden to-day heard a Knight &
saw 2 Crows in Lindens. Spent forenoon
working on moth-eaten nests. To Boston at
2 P.M. for Christmas shopping. Visited Parris
& bought 2 books at Little & Brown's. Called
at our office. Got home at 6. Walter & Morgan
Dean called in evening.

Wea. TUESDAY 15 Ther.

Forenoon cloudy with drizzle of rain.
Afternoon clear, calm, mild.
Spent day in Museum working on
moth eaten nests. Much interrupted.
Carpenter fussing about. Walter Dean
called twice in afternoon spending
nearly 2 hours in all. C. kept her
room all day. E.R.S. read Cromer's
Egypt to me in evening. After 9-30
I read Preble's book on Mackenzie Region.
I sit up until midnight reading in my
den nearly every night now. Preble's
book has occupied me thus for a [illegible] more

Cambridge - Boston -

Wea. WED. DEC. 16, 1908 Ther.

Clear, calm, mild. Sleighing spoiled but lawns & gardens still encrusted thinly with icy snow.

To Boston at 11 A. M. Stopping at Harvard Square to do some Christmas shopping. In Boston visited Burkie's & Kings Christmas card store. Then went to Athletic Club. Lunched & had hair cut there. Returned to Cambridge at 4.30 To Roland Thaxter's for We Dine evening 7-10.30. Fine time. Christmas gifts from Thaxter to all of us & gifts from all of us to him with poems galore.

Wea. THURSDAY 17 Ther.

Clear & cooler with light N wind. [illegible] in Museum working with [illegible]. We inspected the main part of the collection of eggs & nests in the wooden cabinets on the ground floor going over them carefully but finding no traces of moths or museum pests.

Sally Dearborn lunched with us at 1. At 2.30 I went to Mus. Comp. Zool. where I saw Henshaw but spent most of afternoon talking with Faxon in his room. Called on Jackson. [illegible]

C. & E. R.S. read Egypt to [illegible] [illegible]

Wea. FRI. DEC. 18, 1908 Ther.

Cloudy & intensely chilly with light snowfall (about one inch) in forenoon and fine rain in afternoon.

To Mus. Comp. Zool. at 10.30 A. M. Worked there there hours on the Thaxter collection. There are about 200 skins mostly poor, with little or no data, but some are valuable & fully labeled & among them is a ♂ Prothonotary Tottom on Marine coast. Got back at 1.45 & spent P.M. writing in my museum. Pardie dined & spent evening. Saw a Blue Jay & heard Chickadees in Garden. 2 Crossflow over it.

Wea. SATURDAY 19 Ther.

Clear, calm, frosty

Spent day in Museum working on a short article dealing with Mass. records of Barrow's Golden-eye. I was suggested by the receipt yesterday at Mus. Comp. Zool. of an adult ♂ ~~in Caudica~~ shot at Eastham Mass on Dec. 11, 1908 by Matthew Luce. and mounted by Frazer.

Saw 2 Chickadees & a ♂ Downy in the Garden this morning - No callers to-day.

Cambridge – Boston.

Wea. SUN. DEC. 20, 1908 Ther.

Clear & cool with light W. wind
Spent most of day in Museum writing letters. Mr. Saml. C. Palmer, a special student at Harvard, called at 10 A.M. to tell me of a Bald Eagle (im) he had just seen in Camb. Cemetery. He wished me to return with him in hope of finding it there but my cough is still bad & I did not care to wade across country through the snow. Dorothy Carter (my old friend Charlie's daughter) & Miss Allyn dined with E.K.S., C. & me at 1.30. A Blue Jay, a Chickadee & a Downy Hiver in Garden

Wea. MONDAY 21 Ther.

Clear, calm, just agreeably cool.
Spent forenoon in Museum working on Barrow's Golden-eye article [illegible] and preparing Christmas gifts. No callers. [illegible] Boston at 2 P.M. to select a lot of plants in flower store under the Nausington. Back again before dark. Turdus arrived at 1.30 to [illegible] with us. He attended Nuttall Club [illegible] [illegible] [illegible] [illegible] paper on "Position of birds feet in [illegible]." A dozen or more members [illegible]

Cambridge.

Wea. TUES. DEC. 22, 1908 Ther.

Partly cloudy, calm, slightly cooler.
A broken day spent partly in Museum writing. At 11 A.M. went with C. to Miss Thompson's School to Christmas exercises by the children. [illegible] very [illegible] pretty & touching. [illegible] [illegible] & neighbors there. Miss Dipton [illegible] with us again. She is still helping C. about Christmas things. No birds of day. At 8 P.M. Miss Thompson & a dozen or more of her school children marched up our driveway & serenaded us, singing thrice in all. The sweet young voices joining in the Christmas carols & rising in the still winter night were most pleasing.

Wea. WEDNESDAY 23 Ther.

Forenoon cloudy & intensely chilly with a few snow flakes falling now & then. Afternoon clear with much lower temperature than we have had of late.
Spent day in Museum working on Barrow's Golden-eye article. No callers, no birds. C. went to Forest Hills to put wreaths on the family graves & Gilbert to Concord with Christmas presents for the Benson, James & Flannery families.

Cambridge.

Wea. THUR. DEC. 24, 1908 Ther. 10° min

Partly cloudy. Morning cold; afternoon mild, snow thawing. No wind.
Spent day in Museum working on Barrows Golden-eye article. It drags sadly. No callers & not a bird of any kind (Sam House Sparrows) seen or heard about the place. Yet only a little way out in the country & even about Fresh Pond there are legions of Redpolls & Pine Linnets I am told.
Gilbert & Henry dressed our hall with Christmas greens this afternoon. I look around some presents after dark.

Wea. FRIDAY 25 Ther.

Forenoon sunny; afternoon cloudy. Calm; very warm-like an April day.
We had at breakfast, at 8.30, Purdie, Miss Eastwood, Mrs. Edward Wyman, Mrs. Cobb, Lizzy Fuller, & Mrs. Mansfield. At 10.45 I went with C. to St. John's where we had a beautiful service & fine sermon from Dean Hodges. Got back at 12.30. Alney called & spent hour. C. & I dined at 1.30 at Mrs. Thayers with her, Mrs. Howland, Miss Ellison (89 years old), E. R. S., Miss Johnson, Mr. & Mrs. Ezra Thayer & 3 children, Mr. & Mrs. Jack Amos & 3 children. Had games after dinner. Got home at 4 & opened our presents in morning room at 5. E. R. S. with us. We had hoops & things. C. gave me a beautiful [illegible] [illegible] [illegible] [illegible].

Saw Tree Sparrows in garden at 9 a.m. Heard a Crow there as [illegible]

Cambridge.

Wea. SAT. DEC. 26, 1908 Ther.

Cloudy, calm, mild.
Spent day in Museum writing letters, chiefly to old friends from whom I had Christmas gifts or cards yesterday. No callers to day. Heard Crows cawing lustily in the lindens at daybreak and later in day a Chickadee or two chirping & once the phoebe note. [illegible] winter bulbs were planted later this year. I have just taken up this feast of them & started them in Museum.

Wea. SUNDAY 27 Ther.

Sunny, calm, mild.
Attended church at St. Johns with C. 10.45 A.M. to 12.15 P.M. On way back we called at the Cobb-Fuller house.
Mrs. Scudder & Miss Hoppin dined with C., E. R. S. & me at 1. P.M. At 3.30 I went to the Museum to write letters. & C. (a little later) to Roxbury to see Miss Anna Everett. No birds seen about our place to-day. Garden still thinly covered with snow. Streets muddy with ice in places.

Cambridge.

Wea. MON. DEC. 28, 1908 Ther.

Clear calm, mild, the ground frozen at morning & evening but muddy through the day.

Spent forenoon in Museum working on an article (begun a year ago) about Flicker's eggs found on ground at W. Yarmouth. To Mus. Comp. Zool. at 2 P.M. Saw Faxon, Henshaw & Woodworth; also Mr. Agassiz who is to sail for Europe on Friday. Got the skin of the big Skua shot in Nova Scotia & left by Farley with Frazar. Saw Barrow's Golden eye Bird. Shot on Dec. 11 at Evesham by Matt Lowe - It was mounted by Frazar.

Wea. TUESDAY 29 Ther.

Clear, calm, mild, a duplicate of yesterday in every respect.

Spent day in Museum working on the article about Flicker's eggs and finishing it, I rejoice to say. Writing comes a little easier with practice I find but not much. It is at times hard enough for me. Miss Ellison (now in her ninetieth year) and Minna Kettell lunched with us. Mrs. Bruce who has just taken the Nielson house called at Museum to get the key etc. in late P.M.

(2 Golden - Chri Kaiser [illegible] in garden. Crows carrying [illegible]

Cambridge.

Wea. WED. DEC. 30, 1908 Ther.

Cloudy calm, mild but chilly.

A Flicker, 2 Crows and 2 Chickadees in Garden.

Spent day in Museum working on some notes for my talk at Botanic Club on Friday evening next. Several interruptions by callers. Walter came in forenoon, Mrs. Bruce, Mr. Nielson & Mr. Palmer in afternoon. Palmer brought me a lot of notes on birds seen by him in Cambridge. A Gray Squirrel entered the Museum by the front door to-day, begging for food. I gave him a nut chestnut but he did not take them.

Wea. THURSDAY 31 Ther.

Clear & cooler with fresh W. wind.

Spent day in Museum working on the notes for my talk at Botanic Club to-morrow night. Made out lists of indegenous plants at the Concord place & of plants I have introduced or tried to introduce there. Also wrote out a few pages to serve as M.S. for the beginning & ending of what I am [illegible]. No callers, no birds seen in Garden. Heavy rain last night has taken off nearly all the snows.

Reserve Bank. Deposits.

MEMORANDA

N. E. Trust - 234.49

Camb. Trust Co. Dec. 1, 1907 1115.66 Jan 1, 1908 less 500 = 615.66

Bos. Safe Dep.

Concord. Nat. Bank $100.

Prescriptions

MEMORANDA

For throat cough.

Tincture Nux Vomica 10-12 drops in wine glass of water. Take three glassfulls a day. Dr J. G. G.

There was a young wife of Antigua
Who exclaimed to her Spouse "what a
He replied "My Queen! Pig-you are"
Is it my manners you mean
Or do you refer to my figuak"?

Charities

MEMORANDA

Prospect Union Pd. Jan. 1908. $25.

Camb. Social Union Pd. Feb 7, '07 $10.

Ass. Charities Pd. Mch 26, '07 $25
" " " Nov. 11, 08 $25

Salvation Army (Cambridge) $10
$10. pd. Dec. 11/07
" $100. promised for building in Cambridge.

Hospital Music Fund $10 pd. Jan 3.
[illegible]

Books worth owning.

WAGES

Name	Engaged
* The Broken Road.	C. E. W. Mason
* Lord Cammerby's Secret	
* The Shuttle	F. H. Burnett
Scarlet Pimpernell	Baroness Orczy
I Will Repay	" "
Beau Brocade	" "
* A Son of the People	" "
The Beloved Vagabond	Wm J. Locke.

The Man-eaters of Tsavo - Lieut Patterson
Macmillan & Co. London.

There were three ladies of Birmingham
I know something serious concerning 'em
They steal needles & pins
In the Right Reverend Skins
Of the Bishop engaged in confirming 'em!

WAGES

When Due	When Paid	Amount

There was a young lady from Lynn
Who was so exceedingly thin
That when she assayed
To drink lemonade
She slipped through the straw
and fell in.

There was a young man from Peru
Wished to take the 2.02 train to Sioux
Said the porter "don't hurry
Or scurry or worry
Its a minute or two to two two."

Alas for the wily Hindu
He does the best he kin do
He steals to his caste
from first to last
But for clothes he makes his skin do.

LETTER REGISTER

Name	Received	Answered

There was a young man from the city
Who said "what a beautiful kitty"!
It was'nt a cat
But he didn't know that
So they burned all his clothes;
What a pity!

There was an old monk in Siberia
His days they grew dreaier & dreaier
Till he broke from his cell
With a hell of a yell
And eloped with the Mother Superior

There was an old maid of Nicaragua
Whose back hair was bit off by a jaguar.
The maiden said ah!
But the jaguar said Bah!
What a false artificial old hag-you-are.

There was a young [illegible] of Kilkermintin
Who once with good reason died a spinster.
Because on the [illegible]
She said words that weren't nice
When he quite accidentally
Slid against her.

Tenants'

LETTER REGISTER

Name	Received	Answered
Chas. Alvy	147 Beatty St	
W. C. Neilson	No 2 Reidsel Av.	
Blackwell	" 4	" "
J. F. Muirhead	" 6	" "

The pangs of hunger held him fast
As through a restaurant he passed
A youth, who seeking food to eat,
Exclaimed, on seeing shredded wheat,
"Excelsior"

The wife of a prominent banker
Lay in bed as her yacht lay at anchor
But she screamed with dismay
When she heard the mate say:
"Come boys; up with the top sheet & [illegible]"

ADDRESSES.

J. W. T. Nichols - 42 W. 11th St., New York
40 Thomas " (Office)
D. C. French 125 W. 11th " "

Usually in at 8.30 A.M.
H. A. Purdie 87 Pinckney St., Boston -
(Tel. Harriett T. Pierce, Haymarket 1917-3)
R. Deane 135 Adams St., Chicago -

Rev. A. J. Lyman 255 President St. Brooklyn

Arthur Smith, Tower Hill, Randolph, Mass

Miss Mary A. Henders. 25 Chestnut St. Boston

C. L. Barnes, Mason, N. H.

R. H. Hoyt Seven Oaks, Fla.
(Roseate Spoonbill Skins)

R. A. Gilbert 26 Upton St. ~~16 Jay St.~~ Cambridgeport

E. Uwanger & Barry, Rochester, N. Y.

Glover M. Allen, 16 Oxford St., Cambridge

ADDRESSES

Name

Revd. Mother Superior S. H. N.
Convent Holy Nativity, Fond du Lac.
Mrs. Marcus Baker, 1905, 16th St. Washington

Thos. Carver, 8 High Town, Hereford, Eng.
Second hand books - Dr. Richmond

Maj. W. J. Duncan, Snelling, So. Carolina.
(Atlantic Coast Line R.R.) Quail Shooting

Dr. Hamilton, 125 Marlboro St. (Melvins dentist)

Dr. H. J. Allen, Colorado Building, Washington

C. F. B. % Mrs. Howard White
110 Madison Ave. N. Y.
Miss Magrath 22 St. James Ave.

Geo. E. Mackintire Tel. No. Main 7057

U. T. Pierce Bro. 205 Morrison Ave.
W. Somerville

Dr. Waldo E. Boardman 419 Boylston St. } Boston
" Frank T. Taylor " " " }
(Dentists endorsed by Dr. J. H. Allen)

Subscriptions to Charities etc.

VISITS

Name	Address
Wm P. Richards	112 Water St. Bos.
Jessie E. Kimball	Bos. Soc.
Daniel J. Mc. Millan	Parker St. Cambridge
W. A. Butterfield	59 Bromfield St. Boston
Perley Flint	North Newry, Maine. A fine guide.
Wm. W. Cutting	Andover, Maine Another excellent guide
Wm A. Bickmell	Norway, Maine.
Robert A. Ware	246 Devonshire St.

VISITS

Reception Day	Visit Received	Visit Returned
✓	Prospect Union	$25. pd. Jan. 13
✓	Camb. Social "	10. " Mch. 2
	Associated Charities	25.
✓	Camb. Vis. Nurses Ass.	25. C.F.B.&W.B
	" Dist. & Home $75	Paid Mch 2, 1908.
	Salvation Army (Camb.)	$100 [illegible]
	[illegible]	$5. " Mch 25
	Camb. Humane Soc.	$10. pd. April
	" " "	5 " Nov 5, 0
	Camb. [illegible]	$[illegible] " [illegible] 18

Investments

No of Shares.	MEMORANDA		Market value, Jan. 1, 1908
5	Bos. & Albany R.R.	181½	907
35	Bos. & Prov. "		
10	Bos. & Lowell "	210	2100
15	Old Colony "	178	2670
100	Fitchburg " " Pref.	117	11700
37	West End R.R. Pref	96	3552
37	Edison Elec. Ill. Co	208	7696
10	Lowell Electric Co.		
50	Mass. Gas Pref.	77	3850
4	Pittsfield Gas		
50	Board of Trade Building		
15	Broomfield "		
3	Merrimac Nat. Bank		

Investments.

No of Shares	MEMORANDA		Market value Jany 1, 1908.
106	Am. Tel & Tel Co.	101	10706.
50	N. E. Tel & Tel Co.	106	5300
269	Boston Wharf Co.		
10	Copper Range Consol	57	570
10	Wolverine	114	1140
20	No. Butte Mining	43	860
10	Butte Coalition	15	150
10	Utah Consolidated	31	310
50	Balaklala	2	100
50	New Idria Quicksilver		
700	United Colorado Mines		
2000	Bay Gold Mining		

Investments.

BILLS RECEIVABLE				BILLS PAYABLE			
Date	Name	Dolls.	Cts.	Date	Name	Dolls.	Cts.
117	Cambridge Field						
50	West End Bank.						
100	Newport Bank						
25	Shady Hill Cemetery						

To be remembered at Christmas

CASH ACCOUNT—JANUARY

Date		Received	Paid
	C. F. B.	Junior Alney	
	E. R. S.	Cabot "	
	E. W. Fuller	Miss H. M. Swasey.	
	Mrs. John Storer Cobb.		
	Dr. J. I. T. Coolidge		
	H. W. Henshaw		
	R. Deane		
	Walter "		
	Margie "		
	D. C. French		
	H. A. Purdie		
	F. M. Chapman		
	H. W. Cunningham		
	Mary "		
	Will Stone		
	Alice "		
	Geo. D. Jefferson		
	Betsy "		
	Minna Kettell	Postman	
	Geo. B. "	Gilbert	
	John E. Thayer	James	
	Mrs. Alney	Benson	
	Mary "	Pat.	
	Helen "		
	Anna "		
	Betty "		

Washington, D.C.

Birds noted—JANUARY

Date		Received	Paid
	Cathartes aura 2 11 over city; 26 8 Zoo	19 2 near the Ontario	22 1 Zoo
	Cardinalis vir. 3 ♂ in tulip tree (16th St. & J.) 21 23 Brookland 26 ♂ Zoo.	18 1 chirping at rear of the Gordon	
	Passer domesticus - Swarming in city		
	Corvus amer. 13 1 caining in early morn. near Gordon. 21 50+ flying N.W. Brookland 26 Zoo	19 5 near the Ontario	
	Corvus ossifragus 21 50+ flying N.W. Brook. Canal 26 2 Zoo		
	Parus carolinensis 21 2 Brookland.		
	Loophophanes bic. 26 2 Zoo.		
	Junco 26 Zoo.		

Washington D.C.

[illegible]T—FEBRUARY

Feb.

Date		Received	Paid
	Corvus ossifragus	4 (2) Hotel Gordon 17'	
	Corvus americanus	6 hd. by C. Hotel Gordon 23 hd. " "	
	Quiscalus quiscula 17' 19'	6 ♂ ad Lafayette Pk. 16 (4 ♂ & 6) " "	
	Cathartes aura	10' over the Gordon.	
	Cardinalis vir.	16 ♂ Gordon & C. / Chief hon. Conn. Am. 22 ♀ near the Gordon	

Boston, Mass.

Birds noted in Public Garden

Date	June 7, 1908	Received	Paid
1	Merula migratoria	6	
2	Icterus galbula	2 ♂♂ singing	
3	Quiscalus pur. aeneus	10 or 12	
4	Chaetura pelagica	(3)	
5	Passer domesticus	hundreds	

Bethel, Maine

Birds noted in Village & in Dr. Gehring's grounds and woods (near the Snack)

Date	June 9 – 12, 1908.	Received			Paid
1	Sialia sialis	10 1/*	11 1		
2	Turdus mig	10 6	11 6	12 4	
3	Junco hyemalis	10 2/*	11 2/*		
7	" pallidus	9 1/*	10 2/*		
5	Troglodytes aëdon	10 1/*	11 1/*		[illegible] heard in village
[illegible]	Hyl. [illegible]	10 1/*			
7	D. coronata	9 1/*	10 1/*	11 1/*	Dr. G's garden
8	" pensylvanica	10 2/*	11 1/*		
9	" tigrina	9 1/*	10 1/*		
10	Setophaga ruticilla	10 3/*	11 1/*		
11	Vireo olivaceus	10 2/*	11 1/*		Village & woods
12	" gilvus	10 3/*	11 3/*	12 3/*	Village elms
13	Progne subis	10 1/*	11 1/*		village
14	Colaptes auratus	11 (4)			chasing Ac. below
15	Coccyzus erythr.	10 1/*	11 1/*	12 1/*	Dr. G's grounds
16	Georgia c. minor	10 rd. in	village elms (in tip)		
17	Spinus pinus	10 "	"	"	"
18	Melos. melodia	10 2/*	11 1/*	12 1/*	
19	Spizella soc.	10 2	11 2	12 2	
20	Icterus galbula	10 1/*	11 1/*	12 1/*	Village elms
21	Corvus amer.	10 2	11 2	12 2	
22	Tyrannus cor.	11 1			chasing Ac. below
23	Sphyrapicus varius	10 1	Dr. G's woods.		
24	Antrostomus	9 2/*	10 2/*	11 2/*	
25	Ceryle alcyon	11 1/*	heard by [illegible]		

23 b Chaetura pelagica 9 3 10 2 11 2 [illegible]
27 Coccyzus erythr. 10 1/*

Norway, Maine

Birds noted about Home of Baker

Date	June 11, 1908	Received	Paid
	Merula mig	6 or 8 (2 *)	
	Turdus pallasii	6 or 8 *	
	" fuscescens	6 or 8 *	
	Harporhynchus rufus	1 *	
	Galeoscoptes car.	4 *	
	Troglodytes hiemalis	1 * "Cedar" swamp	
	Dend. coronata	3 or 4 *	
	" pinus		
	" pensylvanica	5 or 6 *	
	" tigrina		
	Seiurus noveboracensis	5 or 6 *	
	Oporornis agilis	2 *	
	" noveboracensis	10 or 12 *	
	Vireo olivaceus	3 or 4 *	
	Habia ludoviciana	1 *	
	Melospiza melodia	4 or 5 *	
	" palustris	1 *	
	Agelaius phoeniceus	2 pairs	
	Euphagus carolinus	4 or 5	
	Sayornis phoebe	3 nests about camp	
	Tyrannus carolinensis	(2) chasing Ac. below	
	Myiarchus crinitus	1 *	
	Chaetura pelagica	5 or 6	
	Archilochus colubris	1 *	
	Chordeiles	1	
	Ceryle alcyon	1	
	Falco sparverius	♂ ♀	flowing & sawing
	Accipiter velox	♂ ♀	
	Accipiter nisus	1	
	Dendroica virens	1 *	in white pines
	Urinator imber	1 or 2 pairs	lake Pleasant
	Bartramia longicauda	10 or 12 "	" "

Portland, Maine

Birds noted in the City.

Date June 14, 1908. Received Paid

Noted the following birds while walking along State Street this forenoon (This beautiful street runs down the hill through the heart of the residential part of the city. It is shaded by double rows of large elms & bordered by fine old houses with [illegible] gardens or grass plots [illegible] [illegible] [illegible]).

Mesula mig. 1 ♂, 4 or 5 seen.
Dendroica aestiva 4 ♂♂ singing.
2 Setophaga ruticilla 1 ♂ "
3 Vireo olivaceus 1 " "
4 Spizella socialis 1 " " & birds seen
5 Passer domesticus 3 or 4 [illegible] & heard
6 Icterus galbula 1 ♂ [illegible]
7. Chordeiles virgin. Heard [illegible] [illegible]
8 Amphalis cedrorum Heard in garden.
9 Chaetura pelagica 3 or 4 flying over.

In the afternoon I noted in a walk along "Western Promenade":
D. aestiva 3 ♂ singing
S. ruticilla 2 " "
Carpodacus pur. 1 " "

Wolfeboro, N. H.

Birds noted in village

Date June 16, 1908 17th (both afternoon & early morning)

Mesula migratoria	4
Dendroica aestiva	1 ♂
Vireo olivaceus	1 ♂
" flavifrons	1 ♂
Progne purpurea	large colony
Petrochelidon lun.	[illegible] [illegible] [illegible]
Spizella socialis	1 ♂
Icterus galbula	1 ♂
Tyrannus tyrannus	1 ♂
Empidonax minimus	1 ♂
Chaetura	4 or 5

Heard no Bobolinks. Did not go into the fields to look for them. Did not have time even to look at the Cave Swallow colony. It was cool & windy & birds did not sing freely.

Glendale, Mass.

I

Date	June 22 – 28
1	Sicilia 23 1/x 24 1/x 25' 26 (3)
2	T. mustelinus 22 1/x 23 1/x 24 1/x 26 3/(1x) 27 2/x
3	" fuscescens 22 1/x 23 1/x 24 1/x 25 2/x 26 3/(2x) 27 3/x
4	" pallasii 22 1/x 23 1/x 24 1/x 25 1/x 26 1/x 27 1/x
5	Merula 22 2/x 23 6/(2x) 24 do 25 12/(8x) 27 6/x
6	Parus atri. 25 1/x / [illegible] 26'
7	Trog. aëdon 22 1/x (village)
8	Mniotilta 24 1/x 25 2/x 26 5/x 27 1/x
9	H. rubricapilla 26 ♂ seen
10	D. aestiva 22 1/x village
11	" coronata 25 1/x 26 2/x
12	" virens 23 1/x 24 1/x 25 4/x 26 8/x 27 3/x
13	" caerulescens 23 1/x 25 1/x 26 2/x
14	" pennsylvan 23 1/x 25 2/x 26 2/x
15	" blackburniae 23 1/x 25 2/x 26 5/x ♀ [illegible] 27 3/x
16	" maculosa 25 1/x pasture 27 1/x (do)
17	Setophaga 23 1/x 25 2/x 26 1/x 27 2/x [illegible]
18	S. aurocapilla 23 1/x 24 2/x 25 4/x [illegible] 26 8/x 27
19	G. trichas 23 1/x 25 1/x 26 1/x 27 2/x
20	V. olivaceus 23 3/x 24 2/x 25 6/x 26 10/x 27 6/x
21	" solitarius 23 1/x 24 1/x 25 1/x 26 1/x 27 1/x
22	" flavifrons 23 1/x 25 1/x 26 1/x 27 2/x
23	Ampelis 23 (4) 25 4 26 [illegible] 27 [illegible]
24	Hirundo [illegible] 22' 23' 24' 25' 27' 28 (3)
25	Cotile 24'

Glendale Mass.

Date	June 22 – 28
26	Piranga 23 2/x 24 1/x 25 2/x 26 2/x 27 2/x 28 1/x
27	Carpodacus 23 2/x 26 1/x 27 2/x
28	Poöcaetes 26 1/x
29	S. tristis 23 1/x 24 (6 ♀) 27 1/x
30	Spir. socialis 23 2/x 24 2/x 25 4/x 26 3/x 27 6/x
31	" pusilla 23 1/x 25 2/x 26 2/x 27 2/x
32	Melospiza mel 22 5/x 23 3/x 25 4/x 26 3/x 27 4/x
33	Pas. cyanea 23 2/x 24 2/x 25 5/x 26 5/x 27 3/x
34	Dolichonyx 23 1/x 24 1/x 25 1/x 26 1/x 27 2/x
35	Icterus gal. 23 ♀ [illegible] 27 ♀ [illegible]
36	Corvus am 23 2 24 3 25 4 26 4
37	Cyanocitta 23 (2) 24 [illegible] 26 [illegible] 28 [illegible]
38	Sayornis phoebe 24 1/x 25 1/x 27' 28 1/x
39	Cont. virens 23 1/x 24 1/x 25 1/x 26 1/x
40	Emp. minimus 25 1/x 26 1/x 27 4
41	D. vellosus 22' [illegible]
42	" pubescens 27'
43	Colaptes 25' 27'
44	Chaetura 22 4 23 2 25 4 26 4 27 8
45	Antrostomus 22 1/x [illegible] 25 [illegible] 26 1/x [illegible]
46	Trochilus 23 ♂ ad. 27 ♀
47	Buteo penn. 25 (2) 26 1/x
48	Circus hud. 25 ♂ ad
49	Bonasa 26 ♀ 5 [illegible] ♀ 7 [illegible] } Only 50 yds [illegible]
50	Myiarchus 23 1/x 24 1/x 26 2/x

Habia [illegible] 27 1/x
Tyrannus tyrannus 27' 28 [illegible]
Galioscoptes [illegible] 27 1/x
[illegible] 27 2/x
[illegible] 27 1/x

Bethel, Maine

Date July 9 – 1908

Sialia 10 hd. 12 (3) 13 hd. 14 (6) 15 (5) 23 ad

Merula 10 2/x 11 1/x 12 1/x 13 1/x 14 1/x 15 1/x 17 1/x 18 4/x

T. fuscescens 9 2/x 10 1/x 12 1/x 13 1/x 14 1/x 17 1/x 18 3/x

" pallasii 9 1/x 10 1/x 12 1/x 13 3/x 14 10/x 15 1/x

" swainsoni 11 1/x [illegible] 13 1/x (do.)

Galioscoptes 10 1/x 11 1/x 14 1/x 19' 26' 27 1/x (50)

Parus atri 10 sw. 11 2/x 13 1/x 14 1/x 15 (2) 16 (3)

Mniotilta 15 ♀ 16 ♂ [illegible] 4 [illegible] 17 [illegible]

Hel. rubicapilla 10 1/x full song [illegible] 5 P.M. 14 1/x full song [illegible] 9 [illegible]

D. pennsylvanica 10 1/x 11 1/x 12 1/x 14 1/x

" maculosa 14 1/x 15 1/x 23 (3 ad 1 jun)

" virens 17 ♂ ad

Setophaga 10 1/x ad. 14 1/x 17 ♂ ad 1 jun 18 2/x in full song

Sylvania can 17 ♂ ad, [illegible]

Sucus anocap. 10 1/x 12 1/x 13 1/x 14 2 17 1/x

Vireo olivaceus 10 2/x 11 2/x 12 1/x 13 1/x 14 8/x

" gilvus 11 1/x 20 1/x 22 2/x 23 [illegible]

Ampelis 12 (2) 13 hd. 14 hd. 16 ad. 17 ad. 22 hd.

Progne 14 1/x [illegible] [illegible] 8 pairs [illegible] Songs Pond 21 1/x shack

H. horrorum 14 (12) [illegible] Songs P. 15 ad. 16 ad 18 hd.

Tachycineta 14' on [illegible] Songs Pond

Peleochelidon 14 1/x [illegible] 3 Songs P. 22 [illegible]

Colila [illegible] 14 12 Songs Pond.

Piranga ery. 14 1/x Songs Pond

Geothlypis trichas 14 1/x Songs Pond. 17 1/x [illegible] 22 [illegible] 23 [illegible] 24 1/x [illegible] 27'

Bethel, Maine

Date July 9 – 1908

30 1/x (in full song for [illegible] at 7.30 A.M.)

19 3/x 20 2/x 21 1/x 22 1/x 23 2/x 24 1/x 25 1/x 26 1/x 27 1/x 27 1/x 30 2/x

19 2/x 20' 23' 27 1/x 28 1/x 29 1/x 30 2/x

17 1/x 18 1/x 19 1/x 20 1/x 21 1/x (do) 22 1/x (evening) 23 1/x do. 24 1/x do 26 1/x

17 (2) 23' 28'

22 ♂ ad 1/x [illegible]

16' jun 19 1/x full song many times 6 P.M. 24' 29 (4)

22' in 23 (3 ad 3 jun) 24' ad ♂ 27' jun 30' jun

26 3/x 27 3/x 28 2/x 29 3/x 30 2/x

15 2/x 16 2/x 17 2/x 18 1/x 19 2/x 20 2/x 21 2/x 22 2/x 23 3/x 24 3/x 25 2/x

25 1/x 26 3/x 27 1/x 29 1/x

23' 24 2 25 hd. 26 2 29 sw. 30 (2)

23 ♀ [illegible] in village 24' 25 hd 26 hd 27 ad 28 ad 1/x 29 ad 1/x 30 hd

21' shack 22 hd 23 hd 27 hd 29 hd 30 hd.

27 hd 29 hd.

Bethel, Maine

CASH ACCOUNT—JULY 1908

Date		Received	Paid
	Carpodacus 9 2♂ 10 1♂ 11 1♂ 12 1♂ 13 1♂ 14 2♂ 15 1♂		
	S. tristis 10 3♂ 11 1♂ 12 1♂ 13 1♂ 14 1♂ 15 1♂ 16 2♂		
	" pinus 1 [illegible] 11 do. 12 do. 13 do. 14 1 15 1 16 do. 17 do.		
	Poœcetes 10 1♂ 2 [illegible] 14 1♂ 19 1♂ 22 1♂ 24 2♂		
	Spiz. doc. 10 1♂ 12 1♂ 14 1 15 6 16 2 17 2 18 1♂		
	Junco 14 1 [illegible]		
	Zon. albicollis 9 1♂ 12 1♂ 13 1♂ 14 1♂ 15 1♂ 16 1♂		
	Melospiza mel 9 1♂ 10 1♂ 13 1♂ 14 1♂ 15 1♂ 17 1♂		
	" palustris 14 1 Songe		
	Corvus am. 10 1 12 1 13 1 14 1 15 1 16 1 17		
	Quiscalus æneus 13 (12-7) [illegible] 15 d.		
	Agelaius phœniceus 14 1 Songe 2 (3) over		
	Tyrannus cor. 1 1 12 1 14 2 15 2 17 1 20 2		
	Empidonax minimus 10 1 12 1♂ 13 1♂ 14 1 16 1 22 1♂		
	Colaptes auratus 15 1 (8) 16 1♂ 22 1♂		
	Dryobates pubescens 15 1 20 1 22 1 [illegible]		
	Antrostomus 9 3♂ 10 1♂ 12 2♂ 13 1♂ 14 3♂ 15 1♂		
	Chordeiles 2n. 14 3♂ Songe Peet 18 1 26 1		
	Chaetura 9 (3) 10 (3) 12 (2) 14 2 15 2 16 3		
	Trochilus 12 1 22 1 w.T. 27 1 w.T. [illegible]		
	Buteo borealis 14 1♂ Screel [illegible]		
	Bonasa u. togata 17 1 [illegible] 21 (12) Dr. Peet		
	Philohela minor 16 1 [illegible] 17 W.B.		
	Actitis macularia 14 (2) Songe P.		
	Sciurus nor. [illegible] 18 (2) Screel		

Bethel, Maine.

CASH ACCOUNT—JULY 1908

Date		Received	Paid
	18 1♂ 19 2♂ 20 1♂ 26 3 ad 2 juv		30 1♂
	17 1♂ 18 1♂ 19 1♂ 20 1♂ 21 1♂ 22 1♂ 23 3♂ 24 1♂ 26 1♂ 27 1♂ 28 1♂ 29 1♂		
	20 ad. 21 ad. 24 ad. 26 ad.		
	27 1♂ 28 1♂ 30 1♂		
	19 1♂ 20 2♂ 21 1♂ 22 2♂ 23 1♂ 24 2♂ 26 1♂ 27 1♂ 29 2♂ 30 2♂		
	17 1♂ 18 2♂ 19 1♂ 20 1♂ 21 1♂ 22 1♂		
	18 2♂ 19 1♂ 20 1♂ 23 1♂ 25 1♂ 26 1♂ 28 1♂ 30 1♂		
	18 5 19 5 20 4 21 22 23 2 25 2 26 27 28 2 30		
	20 1♂ 21 1♂ 22 1♂ 23 1 c. 27 1♂ 28 1 c. 29 1♂		
	23 ad. 24 Coccyg. 10 1♂ 11 1♂ 12 1♂ 13 1♂ 14 2♂ 15 (2) Sep. 16 2♂ 17 1♂ 18 1♂ 19 2♂		
	Empid. t. alnorum 19 1 [illegible] 20 do. 22 1♂ [illegible]		
	22 1 23 3 24 (2) [illegible] 26 2 27 2 28 2 29 2 30 2		
	24 [illegible]		
	Passer dom. Abundant in village. 30+ on July 26		
	24 1 do. Buteo lineatus 31 1♂ Dr. [illegible]		
	18 2♂ 23 1♂ [illegible] 26 1♂ do. 27 1♂ do. 28 1♂ do. 29 1♂ do.		
	18 (9) 20 ad. 22 [illegible] 23 6 25 4 26 3 27 5 28 3 29 3		
	Sitta canadensis 29 1		
	Troglodytes aedon 22 3♂ [illegible] 23 1 do. 27 1♂		
	Regulus sat. 24 (2) 27 1 29 (2)		
	Sporia minor 24 ad.		
	Nycticorax g. nævius 24 ad. [illegible]		
	Circus hud. 14 3 ad. 24 3 ad. [illegible]		

Lake Umbagog — AUGUST 1 — 1908

Date	Received	Paid
Merula 1 4 1 2 6 1 3 4 1 7 1 9 1 10 1 11 1 12 1 14 4 1 15 1 16 1		
J. pallasii 1 1 2 1 3 1 4 1 8 1		
Galeoscoptes 3 1		
Parus atri 6 hd 12 1 (B. Pt. 9 a. m.) 17 hd. 23 1		
Hel. rubiespina 2 2 3 2 5 2		
Sitophaga 3 ♀ 4 ♀ da. 6 4 1		
V. olivaceus 1 3 2 2 3 3 4 2 5 1 6 2 7 2 8 2 9 1 10 4 11 1 12 2 13 2 14 1 15 1 17 1 28 1		
Ampelis 1 hd. 2 hd. 3 hd. 5 7 6 2 7 5 8 4 9 3 10 3 11 10 12 7 13 5 14 8 21 15 22 8 23 12 fly catching		
Hir. horreorum 1 6 in barn 2 da. 3 da. 4 da 5 5 6 8 7 11 8 5 out Outlet 9 dev. 10 dev. 11 7 13 dev. 14 dev. 15 dev. 17 5 19 12		
Tachycineta 1 2 2 3 2 5 10 6 4 7 6 8 10 9 dev. 10 20 11 6 14 4 17 5 18 15 19 20 20 6 21 5		
Petrochelidon 1 hd. 2 hd. 3 6 4 12 5 500 6 4 7 20 8 500 Outlet 9 dev. 10 dev. 11 hd. 12 200 out 13 20 14 30 15 20 17 12 18 10 19 hd. 22 15 23 5		
Geothlypis trichas 3 1 6 1 18 7 20 1		
Carpodacus 1 hd. 3 hd. 6 2 9 2 11 2 juv. 14 2 19 1 20 1 22 1 23 1 24 1		23 juv.
S. tristis 1 2 2 2 3 2 4 2 5 1 6 2 7 7 8 2 9 1 10 1 11 2 12 2 13 2 14 1 17 1 18 1 19 2 22 1		
" pinus 2 2 ad 5 1 6 1 8 hd. 9 1 10 4 11 1 12 13 2 14 5 19 2 22 hd. 24 hd.		
Pas. savanna 2 2 5 1 (full boy under 9 a. m.) 16 1 14 1 19 6 (Cant Rio. m.) 22 2		
Spir. socialis 1 2 2 10 1 14 hd.		
Junco hyemalis 2 1 3 2 4 1 5 4 8 2 10 4 12 1 17 1		
Z. albicollis 1 1 (early morn) 2 1 da 3 1 da 5 1 6 1 7 1 10 4 12 1 (full boy under 9 a. m.)		
M. melodia 1 2 2 2 3 10 2 4 2 5 1 6 1 12 1 21 2		
Corvus am. 1 12 2 200 3 150 6 80 7 25 8 12 10 8 11 5 12 5 14 4 16 5 17 1 19 5 20 [illegible]		
Agaiocitta [July 31 5 Gaylord] 10 5 1 12 3 16 hd. 19 2 22 2		
Agelaius phœ. " 2 " 8 5 Outlet 15 2 juv. 18 1 19 2 22 1 23 hd.		
Tyrannus tyrannus [July 31 30 + Bunk in Lowell] 1 4 2 2 3 4 4 2 6 1 7 1 8 2 11 1 12 2 1 13 1 14 1 15 3 16 2		
Contopus virens 3 1 4 1 8 1 12 1 17 2 23 2		

Lake Umbagog. — AUGUST 1 — 1908

Date	Received	Paid

Lake Umbagog

August 1 – 1905.

Date		Received	Paid
	Empidon obnosum 2¹ 3¹		
	Chaetura 2⁴ 3⁵ 4³ 5² 6¹ 8¹ 10³ 12²		
	Trochilus 4¹ W.T. 7¹ do. 8¹ do. 9¹ do. 10¹ do. Fem. Pt.		
	Lanius borealis 3 hd. 4 hd. 6 hd. 8 (2) hd. 10 (3) 12 hd.		
	Troglod. hiemalis 1¹ early morn. 2¹ do. 3¹ do. 4¹ 5¹		
	Ceophlœus pileatus 1¹ 5² 6¹ 7¹ 8¹ 12²		
	Halcyon alcyon 1 ad 2 ad 3¹ ad 4¹ ad 5¹ ad 6 do.		
	Actitis macul. 2¹ 8² 9¹ 14¹		
	Larus argentatus 3¹ ad 8 (2) ad		
	Urinator imber 7¹ (cap.) 3 cap. 4 do. 7 2 do. 10²		
	Contopus borealis 3¹ 8¹ 10¹		
	Pandion 5 hd. 6 (2) 7¹ 8⁵ 9¹ 10¹ 12¹		
	Chordeiles virginianus 5 (12) 6 (4) 7¹ 18¹ 21¹		
	Ceryle alcyon 5¹ 6¹ 7¹ 8³ (10 next one on other day on Cat.)		
	Sylvania canadensis B.Pc. 6¹ ad B.Pc. 12¹ ad		
	Ardea herodias 2 (3) (1) 6¹ 7¹ 8⁴ 10¹ 11 (3)		
	Progne purpurea 6 (3) 7 (6) 8 hd. outlet 9 hd.		
	Empidonax minimus 6¹		
	Clangula amer. 7 (3) 18 (5) (2) 20 (3) 21¹		
	Regulus satrapa 8 (2) 12 hd.		
	Parus hudsonicus 8 hd. near Black Bd.		
	Totanus melanoleucus 7 alone		
	Butio lineatus 8 hd. 10¹ hd. 12 ad B.Pc. 19²		
	Sialia sialis 10 (2)		
	Rusty Blackbird 10¹ " 12 hd.		

Lake Umbagog.

August 1 – 1908.

Date		Received	Paid
	14 (20) 17 (2) 19¹ 21 (2) 22		
	12¹ W.T. 13 ad. 14 2 ad 1 W.T. 16¹ W.T. 22 W.T. 23¹ W.T.		24 (8)
	13 hd. 15 hd. 16 hd. 17 hd. 18 hd. 19 hd. 20 hd. 21 hd. 22¹ 23 12		
	9¹ 10 (4) 12¹ L.Pc. 17²		
	14¹ 17¹ 18¹ 20¹ 22³ 23¹ 24¹		
	7¹ ad 8 2 ad 1 juv 9¹ ad 10 3 ad 1 juv 13 1 ad 1 juv 14¹ ad 1 juv 15¹ ad 16 3 ad 2 juv		
	17 1 ad 1 juv 18 1 ad 2 juv 19² juv 21⁴ 23 1 ad 1 juv		
	(Coleman)		
	18¹ 19¹ 20¹ 21¹ 22¹ 23¹ 24¹		
	11¹ B.Pc. 12¹ 13¹ 15 (3) 16¹ 17¹ 18² 20¹ 22¹ 23²		
	12 (3) 14² 15² 16² 17² 18² 19² 20² 21 22² 23² 24²		
	13 hd. 21 adult 26 (5)		
	22¹ 23¹ 24 (6)		

Lalle Umbagog.

CASH ACCOUNT—OCTOBER

Date		Received	Paid
	Sturnus aurocapillus	10	
	Geothlypis philadelphia	10 ♀ ad in raspberry bushes Pine Point behind Dr. Draper's camp	
	Mniotilta varia	10 ♂ ad Pine Pt.	
	Certhia f. americana	10	12
	Sitta canadensis	10	12 13 22
	Dryobates villosus	10	12
	" pubescens	10 (2)	
	Dolichonyx oryzivorus	10 (12) in marsh below, Gilbertson's	11 12 hd
	Turdus swainsoni	10 ad feeding Pine Point	
	" fuscescens	12 hd at eve. Lakeside	15 do Lake House
	Quiscalus aeneus	12 (12) c. Lakeside	14 50 ♀
	Buteo lineatus	12 ♂ ad. B Point (10 a.m.)	
	Coccyzus erythrop	6	
	Loxia minor	14 hd	22 hd 24 hd
	Melospiza palustris	15 2	17 19
	Sayornis phoebe	8 (Tel. wire Lakeside)	
	Vireo solitarius	17 ad with young	
	Chordeiles virginianus	19 (8) flying S.W. at sunset	22 (3) do
	Ereunetes pusillus	20 (2)	
	Buteo borealis	22 ad on Island Canada Trees Meadow	
	Aix sponsa	22 ♂ ad by old dams Meadow Cant R.	
	Dendroica coronata	23	
	Habia ludoviciana	22 click note heard.	
	Accipiter velox	24 ♂ Teasler Spring	

Lalle Umbagog.

CASH ACCOUNT—OCTOBER

Date		Received	Paid
	Myiarchus crinitus. Note between that of vireos & sylvias		
	13 hd 14 hd	16 hd ad eve.	19 hd 22 hd
	L. House	do.	
	19 (12) c.	20 (30)	22 (150 ♀)

Cash Account—November

Date		Received	Paid

Cash Account—November

Date		Received	Paid

Cash Account—December

Date		Received	Paid

Cash Account—December

Date		Received	Paid

Summary

	Received	Paid
Cash on hand Jan. 1		
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		
Total		
Balance to new account		

CALENDAR 1909

Jan. 1909	SUN.	MON	TUE.	WED.	THU.	FRI.	SAT.
	...	...	...	...	...	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	...	...	...	...	...	...

Feb.	SUN.	MON	TUE.	WED.	THU.	FRI.	SAT.
	...	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	...	...	...	...	...	...

March.	SUN.	MON	TUE.	WED.	THU.	FRI.	SAT.
	...	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	...	...	...

April.	SUN.	MON	TUE.	WED.	THU.	FRI.	SAT.
	...	...	...	...	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	...

May.	SUN.	MON	TUE.	WED.	THU.	FRI.	SAT.
	...	...	...	...	...	...	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	...	...	...	...	...

June.	SUN.	MON	TUE.	WED.	THU.	FRI.	SAT.
	...	...	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	...	...	...

July. 1909	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	...	...	...	...	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31

Aug.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	...	...	...	...	...	...	...
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	...	...	...	...

Sept.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	...	...	...	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	...	...

Oct.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	...	...	...	...	...	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	...	...	...	...	...	...

Nov.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	...	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	...	...	...	...

Dec.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	...	...	...	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	...

Hotel Gordon,

Washington, D.C.

February 9th, 1908.

My dear Miss Kimball:

I have been thinking for some time of resigning my position as President of the Massachusetts Audubon Society. My inclination to do so is prompted solely by the conviction that the office should be filled by someone who can give much more time and thought to the interests of the Society than I have been able to do. I should like to have the Directors consider the question carefully at their next meeting. If they share my conviction I will send in my formal resignation as soon as I hear from you. If not I shall be glad, of course, to continue in office.

I do not know how the Directors feel about Mr. Forbush but I believe that if he could be made President of our Society he would strengthen it greatly and that in a very short space of time. Mr. Dutcher tells me that the work he has done for the National Audubon Society has been little short of marvellous. He has great enthusiasm and unbounded energy combined with careless persistence and with excellent tact and good judgement. These qualities make him a peculiarly effective man. As he can now devote his entire time to Audubon Society work I think as much of it as possible should be given to him to do.

Yours sincerely

William Brewster.

To Duplicate

This Diary fill out the following blank and send to us before December 15.

HOBBS & WARREN CO.,

336 WASHINGTON STREET, BOSTON.

ENCLOSED FIND $ 1.10

SEND POST-PAID EXCELSIOR DIARY NO. 129

NAME, _____

STREET, _____

CITY OR TOWN, _____

STATE, _____

SAW A REAL WOLF.

From the Kennebec Journal.

George L. Noyes, artist and naturalist of Fryeburg Center, had the unusual experience of seeing a wolf the other day. It was supposed that these animals had been long extinct in Maine. Mr. Noyes writes of his experience to a friend as follows:

"This is something good to think about. It kind of takes one back to old Crawford, Passaconaway, and Wannalancet days and the good old days when the good old primeval forest stood. The other day I was coming along under the hill and out of the woods came a large wolf within a few rods of me, so that I could look him over thoroughly. He went down on the intervales and circled about and then disappeared in the woods on the other side."

Bos. D. Advertiser Jan. 11 1908.

CAPT. PILLSBURY.

From Zion's Herald

st Hour.

TO PREVENT DROWNING.

London, July 2.—A young mechanic named Mansfield quite by accident recently hit upon a novel, simple device for restoring animation to apparently drowned animals.

He was salting some winkles which had boiled over night, and noticing what he called a dead bluebottle in the pot, he thought to himself: "Oh! I'll put you in brine too."

Suiting the action to the word, he buried the fly in salt, thinking no more about the thing. Two minutes later he was surprised to see the bluebottle shake itself free from the salt, crawl a little distance, and, hesitating a moment as if to take its bearings, spread its wings and soar to a window pane with a new lease of life.

Mansfield proceeded to investigate further. He began with a beetle. For two hours he kept it submerged in water. Then, life being apparently extinct, he buried it in salt. In less than two minutes the insect crawled out as much alive as ever. Next he tried a mouse, then a rat. Both were restored to life and freedom.

The young man decided to consign his cat to the water tub for two hours, when its lifeless form floated on the water. The magic salt was brought to bear upon it and today the domestic pet is as much in evidence as ever.

It was when he experimented on his dog, a pup retriever of five months old, that Mansfield's faith in his discovery received its first shock. In this, as in the previous cases, he made the time limit two hours, but the thickness of the dog's coat, he thinks, retarded the effective operation of the salt. When after half an hour there was no sign of returning life Mansfield began to grow anxious. Half an hour had sufficed to bring around the cat.

Mansfield renewed the salt, which by this time had absorbed a considerable quantity of water. The pup quickly recovered itself, and as if fearing a renewal of the experiment, promptly ran out of the room.

DECLARES PLANTS HAVE EYES

ENGLISH BOTANIST SAYS THEY CAN SEE

London, Sept. 8—The interest aroused by the contention made by Francis Darwin, son of the author of "The Origin of Species," in his presidential address before the British Association in Dublin last week, that plants can remember and can develop habit, has been increased by a paper read yesterday by Professor Harold Wager, the well-known botanist. Professor Wager declared that plants possess an organism corresponding to the brain in animals, and further demonstrated that they have eyes with which they can see, and see well. Professor Wager showed that the outer skins of many leaves are, in fact, lenses, very much like the eyes of many insects, and quite as capable of forming clear images of surrounding objects. This is the case with most leaves, but especially in the case of those that grow in the shade.

These lenses are so good and focus the light that falls on them so carefully that photographs can be taken by means of them. Professor Wager has taken a great many such photographs, and he showed some of the more remarkable. These included reproductions of a photograph of Darwin, in which the features were distinct and unmistakable, as well as direct photographs of landscapes and people. Even colored photographs were exhibited, and, like the rest, they are remarkably clearly defined. Not only do these plant eyes see well, but the rays of light which by means of them are focused on the interior of the leaf are carried to the brain of the plant and affect its subsequent movements. It has long been known that the leaves of plants move so that they can get a maximum of light. It is now suggested how this movement is made possible, and the process is almost identical with like movements in the case of animals. A close analysis of the eyes of plants, moreover, proves them highly developed organs

Boston Globe, Sept. 9, 1907